Table 1 Monitoring and Production Wells - Unfiltered Results - COPC (mg/L)†														
Station			Selenium				Cadmium				Chromium			
			2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		0.0020		NS		<0.00010	U	NS		0.00090	
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		0.00030		NS		<0.00010	U	NS		0.0014	
	Central North Dump (MWD091)	MMW009	NS		0.0010		NS		0.00020		NS		0.00050	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		<0.0010	U	NS		<0.00010	U	NS		<0.00010	U
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	<0.0010	UJ	0.00080	U	<0.00010	U	<0.00010	U	0.00030		0.0013	
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	0.034	J	DC		0.00020		NS		0.00080		NS	
	Henry North Pit Well N	MMW004	NA		0.0020		NA		<0.00010	U	NA		0.0012	
		MMW004-Avg	0.0015		NA		<0.00010	U	NA		0.0022		NA	
		MMW004-R1	0.0010	J	NA		<0.00010	U	NA		0.0017		NA	
		MMW004-R2	0.0020	J	NA		<0.00010	U	NA		0.0027		NA	
		MMW004-R3	<0.0010	J	NA		<0.00010	U	NA		0.0021		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		<0.0010	U	NS		<0.00010	U	NS		<0.00010	U
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		<0.0010	U	NS		0.00070		NS		0.0017	
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		<0.0010	U	NS		<0.00010	U	NS		<0.00010	UJ
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		<0.0010	U	NS		<0.00010	U	NS		<0.00010	U
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NA		NA		NA		NA		NA		NA	
		MMW022-Avg	<0.0010	U	0.016		NA		<0.00010	U	NS		<0.00010	U
		MMW022-R1	<0.0010	U	0.017		NA		<0.00010	U	NS		<0.00010	U
		MMW022-R2	<0.0010	U	0.016		NA		<0.00010	U	NS		<0.00010	U
		MMW022-R3	NS		0.016		NA		<0.00010	U	NS		<0.00010	U
	Henry Mine north pit	MMW023	NS		0.0030		NA		0.00070		NS		0.0010	
	Henry South Pit Well	MPW022	<0.0010	UJ	<0.0010	U	<0.00010	U	<0.00010	U	0.00040		<0.00010	U
	Henry Center Pit Well	MPW023	NS		<0.0010	U	NS		<0.00010	U	NA		0.00040	U

Table 1 Monitoring and Production Wells - Unfiltered Results - COPC (mg/L)†														
Station			Nickel				Vanadium				Zinc			
			2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		0.0013		NS		0.00030		NS		0.0060	
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		0.0015		NS		0.0021		NS		0.011	
	Central North Dump (MWD091)	MMW009	NS		0.056		NS		0.012		NS		0.19	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		0.0072		NS		0.00070		NS		<0.0020	U
	Agrium Production Well	MPW006	NS		NS		NS		NS		NA		NS	
	EVM Shop Well	MPW019	0.00051	U	0.0013		<0.00020	U	0.00030		0.70		0.070	
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	0.0068		DC		0.0015		DC		0.013		DC	
	Henry North Pit Well N	MMW004	NA		0.0012		NA		0.0022		NA		0.0060	
		MMW004-Avg	0.0015		NA		0.0033		NA		0.14		NA	
		MMW004-R1	0.0015		NA		0.0033		NA		0.14		NA	
		MMW004-R2	0.0016		NA		0.0034		NA		0.13		NA	
		MMW004-R3	0.0015		NA		0.0033		NA		0.14		NA	
	Southeast of Center Henry Pit (MMP042); near MPW-023	MMW010	NS		0.013		NS		<0.00020	U	NS		0.015	
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		0.0091		NS		0.013		NS		0.061	
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		0.021		NS		0.00060		NS		0.0050	
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		0.0045		NS		0.0013		NS		<0.0020	U
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		0.0081		NS		<0.00020	U	NS		<0.0020	
		MMW022-R1	NS		0.0080		NS		<0.00020	U	NS		<0.0020	
		MMW022-R2	NS		0.0082		NS		<0.00020	U	NS		<0.0020	
		MMW022-R3	NS		0.0082		NS		0.00040		NS		<0.0020	
	Henry Mine north pit	MMW023	NS		0.17		NS		<0.00020	U	NS		0.34	
	Henry South Pit Well	MPW022	0.00090		0.00080		<0.00020	U	<0.00020	U	0.16		0.015	
	Henry Center Pit Well	MPW023	NS		0.018		NS		<0.00020	U	NS		0.86	

Table 1 (Continued)
Monitoring and Production Wells - Unfiltered Results - COPC (mg/L)†

Station			Selenium				Cadmium				Chromium			
			2006		2007		2006		2007		2006		2007	
Mine	**Name**	**ID**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**
Ballard Mine	Ballard Pit East Well	MMW001	0.11	J	0.028		0.022		0.0025		0.0016		0.00090	
		MMW001-Avg	NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	0.0080	J	DC		<0.00010	U	DC		0.00020		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		0.080		NS		<0.00010	U	NS		0.0018	
		MMW006-R1	NS		0.080	J	NS		<0.00010	U	NS		0.0018	
		MMW006-R2	NS		0.080		NS		<0.00010	U	NS		0.0018	
		MMW006-R3	NS		0.080		NS		<0.00010	U	NS		0.0018	
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		0.13		NS		0.00050		NS		<0.00010	U
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		0.029		NS		<0.00010	U	NS		0.00093	
		MMW018-R1	NS		0.027		NS		<0.00010	U	NS		0.0017	
		MMW018-R2	NS		0.030		NS		<0.00010	U	NS		0.00070	
		MMW018-R3	NS		0.030		NS		<0.00010	U	NS		0.00040	
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.017		NS		0.0081		NS		0.0013	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		0.047		NS		<0.00010	U	NS		0.0011	U

Table 1 (Continued)
Monitoring and Production Wells - Unfiltered Results - COPC (mg/L)†

Station			Nickel				Vanadium				Zinc			
			2006		2007		2006		2007		2006		2007	
Mine	**Name**	**ID**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**
Ballard Mine	Ballard Pit East Well	MMW001	0.25		0.074		0.014		0.0026		0.72		0.34	
		MMW001-Avg	NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	0.0034		DC		0.00030		DC		0.0080		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		0.0013		NS		0.0036		NS		<0.0020	U
		MMW006-R1	NS		0.0013		NS		0.0035		NS		<0.0020	U
		MMW006-R2	NS		0.0012		NS		0.0037		NS		<0.0020	U
		MMW006-R3	NS		0.0013		NS		0.0036		NS		<0.0020	U
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		0.018		NS		0.0070		NS		0.010	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		0.0025		NS		0.00040		NS		<0.0020	U
		MMW018-R1	NS		0.0025		NS		0.00040		NS		<0.0020	U
		MMW018-R2	NS		0.0018		NS		<0.00020	U	NS		<0.0020	U
		MMW018-R3	NS		0.0031		NS		0.00040		NS		<0.0020	U
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.065		NS		0.022		NS		0.40	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		0.0052		NS		<0.00020	U	NS		0.015	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data.
Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.

Table 2
Monitoring and Production Wells - Unfiltered Results - Screening Analytes (mg/L)†

Station			Calcuim				Iron				Magnesium				Manganese			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		31		NS		0.35		NS		7.6		NS		0.080	
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		28		NS		2.8		NS		11		NS		0.34	
	Central North Dump (MWD091)	MMW009	NS		88		NS		0.050		NS		36		NS		0.14	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		DRY		NS		DRY		NS		DRY		NS		DRY	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		170		NS		0.14		NS		12		NS		0.15	
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	NS		73		NS		0.58		NS		10		NS		0.046	
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	NA		DC		NA		DC		NA		DC		NA		DC	
	Henry North Pit Well N	MMW004	NA		73		NA		0.69		NA		27		NA		0.0097	
		MMW004-Avg	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		54		NS		0.36		NS		13		NS		3.4	
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		70		NS		0.42		NS		26		NS		0.034	
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		140		NS		0.29		NS		39		NS		0.95	J
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		85		NS		<0.020	U	NS		27		NS		0.011	
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		150		NS		0.16		NS		29		NS		0.10	
		MMW022-R1	NS		150		NS		0.18		NS		29		NS		0.097	
		MMW022-R2	NS		150		NS		0.16		NS		29		NS		0.099	
		MMW022-R3	NS		150		NS		0.15		NS		29		NS		0.11	
	Henry Mine north pit	MMW023	NS		110		NS		0.61		NS		30		NS		0.94	
	Henry South Pit Well	MPW022	NS		8.1		NS		1.4		NS		12		NS		0.041	
	Henry Center Pit Well	MPW023	NS		64		NS		0.28		NS		24		NS		0.20	

Table 2
Monitoring and Production Wells - Unfiltered Results - Screening Analytes (mg/L)†

Station			Nitrate/Nitrite as N				Potassium				Sodium				Total Alkalinity			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		0.26		NS		0.80		NS		12		NS		100	
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		0.030		NS		1.4		NS		11		NS		110	
	Central North Dump (MWD091)	MMW009	NS		0.050		NS		0.80		NS		10		NS		290	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		DRY		NS		DRY		NS		DRY		NS		DRY	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		0.68		NS		1.3		NS		7.8		NS		140	
	Agrium Production Well	MPW006	NA		NS		NA		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	<0.02	U	0.060		NS		0.90		NA		7.3		220		210	
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	0.15		DC		NA		DC		NA		DC		160		DC	
	Henry North Pit Well N	MMW004	NA		1.3		NA		3.4		NS		48		NA		200	
		MMW004-Avg	1.5		NA		NA		NA		NA		NA		190		NA	
		MMW004-R1	1.5		NA		NA		NA		NS		NA		190		NA	
		MMW004-R2	1.5		NA		NA		NA		NS		NA		190		NA	
		MMW004-R3	1.5		NA		NA		NA		NS		NA		190		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		<0.02	U	NS		2.8		NS		17		NS		170	
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		0.15		NS		3.1		NS		44		NS		200	
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		<0.02	U	NS		1.4		NS		20		NS		530	
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		0.080		NS		3.2		NS		53		NS		160	
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		0.68		NS		0.87		NS		9.0		NS		230	
		MMW022-R1	NS		0.67		NS		0.80		NS		9.2		NS		230	
		MMW022-R2	NS		0.69		NS		1.0		NS		9.0		NS		230	
		MMW022-R3	NS		0.69		NS		0.80		NS		8.9		NS		230	
	Henry Mine north pit	MMW023	NS		0.030		NS		2.7		NS		85		NS		320	
	Henry South Pit Well	MPW022	<0.02	U	<0.02	U	NS		0.90		NS		6.7		130		78	
	Henry Center Pit Well	MPW023	NS		<0.02	U	NS		1.1		NS		9.3		NS		200	

Table 2 (Continued)
Monitoring and Production Wells - Unfiltered Results - Screening Analytes (mg/L)†

Station			Calcuim				Iron				Magnesium				Manganese			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Ballard Pit East Well	MMW001	NA		120		NA		0.64		NA		25		NA		0.19	
		MMW001-Avg	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NS		NS		NS	
		MMW006-Avg	NS		58		NS		<0.020	U	NS		21		NS		0.0011	
		MMW006-R1	NS		59		NS		<0.020	U	NS		22		NS		0.0010	
		MMW006-R2	NS		57		NS		<0.020	U	NS		21		NS		0.0012	
		MMW006-R3	NS		59		NS		<0.020	U	NS		21		NS		0.0010	
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		220		NS		0.23	U	NS		48		NS		0.48	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		67		NS		0.053		NS		11		NS		0.016	
		MMW018-R1	NS		67		NS		0.060		NS		11		NS		0.018	
		MMW018-R2	NS		68		NS		0.050		NS		11		NS		0.015	
		MMW018-R3	NS		66		NS		0.050		NS		11		NS		0.014	
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		110		NS		0.37		NS		23		NS		0.081	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		67		NS		0.050	U	NS		36		NS		0.17	

Table 2 (Continued)
Monitoring and Production Wells - Unfiltered Results - Screening Analytes (mg/L)†

Station			Nitrate/Nitrite as N				Potassium				Sodium				Total Alkalinity			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	**Name**	**ID**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**
Ballard Mine	Ballard Pit East Well	MMW001	0.79		0.12		NA		1.3		NS		12		280		270	
		MMW001-Avg	NA		NA		NA		NA		NS		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NS		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NS		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NS		NA		NA		NA	
	Ballard Pit West Well	MMW002	0.050		DC		NA		DC		NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NS		NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		1.3		NS		1.3		NS		8.1		NS		160	
		MMW006-R1	NS		1.3		NS		1.3		NS		8.3		NS		160	
		MMW006-R2	NS		1.4		NS		1.2		NS		7.9		NS		160	
		MMW006-R3	NS		1.3		NS		1.3		NS		8.1		NS		160	
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		0.69		NS		4.1		NS		26		NS		310	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		0.043		NS		1.4		NS		11		NS		190	
		MMW018-R1	NS		0.040		NS		1.4		NS		11		NS		190	
		MMW018-R2	NS		0.050		NS		1.3		NS		11		NS		190	
		MMW018-R3	NS		0.040		NS		1.5		NS		11		NS		190	
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.050		NS		1.6		NS		16		NS		270	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		0.35		NS		1.9		NS		13		NS		280	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate.
Results have been averaged using a Minimum

Table 3
Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Aluminum				Antimony				Arsenic			
			2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		0.47		NS		<0.00040	U	NS		<0.0005	U
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		3.2		NS		<0.00040	U	NS		0.00060	
	Central North Dump (MWD091)	MMW009	NS		<0.030	U	NS		0.0018		NS		0.0029	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		0.090	U	NS		<0.00040	U	NS		0.0013	
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	NS		<0.030	U	NS		<0.00040	U	NS		<0.0005	U
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	NA		DC		NA		DC		NA		DC	
	Henry North Pit Well N	MMW004	NA		<0.030	U	NA		<0.00040	U	NA		0.00060	J
		MMW004-Avg	NA		NA		NA		NA		NA		NA	
		MMW004-R1	NA		NA		NA		NA		NA		NA	
		MMW004-R2	NA		NA		NA		NA		NA		NA	
		MMW004-R3	NA		NA		NA		NA		NA		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		0.060	U	NS		<0.00040	U	NS		<0.0005	U
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		0.24	U	NS		<0.00040	U	NS		<0.0005	U
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		0.12	U	NS		<0.00040	U	NS		0.0012	
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		<0.030	U	NS		<0.00040	U	NS		<0.0005	U
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		0.22		NS		0.00053		NS		<0.0005	U
		MMW022-R1	NS		0.22	J	NS		0.00060		NS		0.00060	
		MMW022-R2	NS		0.24		NS		0.00050		NS		<0.0005	U
		MMW022-R3	NS		0.21		NS		0.00050		NS		<0.0005	U
	Henry Mine north pit	MMW023	NS		<0.030	U	NS		0.0017		NS		0.0043	
	Henry South Pit Well	MPW022	NA		0.040		NA		<0.00040	U	NA		<0.0005	U
	Henry Center Pit Well	MPW023	NS		NS	U	NS		<0.00040	U	NS		0.0037	

Table 3 (Continued)
Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Barium				Beryllium				Boron				Cobalt			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		0.021		NS		<0.002	U	NS		<0.01	U	NS		<0.01	U
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		0.033		NS		<0.002	U	NS		<0.01	U	NS		<0.01	U
	Central North Dump (MWD091)	MMW009	NS		0.045		NS		<0.002	U	NS		0.020		NS		<0.01	U
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		0.073		NS		<0.002	U	NS		<0.01	U	NS		<0.01	U
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	NS		0.12		NS		<0.002	U	NA		0.020		NA		<0.01	U
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	NA		DC		NA		DC		NA		DC		NA		DC	
	Henry North Pit Well N	MMW004	NA		0.067		NA		<0.002	U	NA		0.040		NS		<0.01	U
		MMW004-Avg	NA		NA		NA		NA		NA		NA		NS		NA	
		MMW004-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		0.16		NS		<0.002	U	NS		<0.01	U	NS		<0.01	U
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		0.045		NS		<0.002	U	NS		0.030		NS		<0.01	U
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		0.29		NS		<0.002	U	NS		0.020		NS		<0.01	U
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		0.039		NS		<0.002	U	NS		0.040		NS		<0.01	U
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		0.038		NS		<0.002	U	NS		0.020		NS		<0.01	U
		MMW022-R1	NS		0.036		NS		<0.002	U	NS		0.020		NS		<0.01	U
		MMW022-R2	NS		0.041		NS		<0.002	U	NS		0.020		NS		<0.01	U
		MMW022-R3	NS		0.037		NS		<0.002	U	NS		0.020		NS		<0.01	U
	Henry Mine north pit	MMW023	NS		0.072		NS		<0.002	U	NS		0.030		NS		<0.01	U
	Henry South Pit Well	MPW022	NA		0.0060		NA		<0.002	U	NA		<0.01	U	NA		<0.01	U
	Henry Center Pit Well	MPW023	NS		NS		NS		NS		NS		NS		NS		<0.01	U

Table 3 (Continued)
Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Copper				Gross Alpha				Gross Beta				Lead				Mercury			
			2006		2007		2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		<0.010	U	NS		3.1	J	NS		0.62	UJ	NS		0.00040		NS		<0.00020	U
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		<0.010	U	NS		3.5	J	NS		-0.82	UJ	NS		0.0012		NS		<0.00020	U
	Central North Dump (MWD091)	MMW009	NS		<0.010	U	NS		9	J	NS		5.4	J	NS		0.00010		NS		<0.00020	U
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		<0.010	U	NS		0.38	UJ	NS		-2.6	J	NS	U	0.00020	U	NS		<0.00020	U
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	NA		<0.010	U	NA		0.39	UJ	NA		-0.3	UJ	NA		0.0015		NA		<0.00020	U
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	NA		DC		NA		DC		NA		DC		NA		DC		NA		DC	
	Henry North Pit Well N	MMW004	NA		<0.010	U	NA		0.77	UJ	NA		4.2	J	NA	J	0.00030	J	NA		<0.00020	U
		MMW004-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MMW004-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		<0.010	U	NS		3.7	J	NS		3.7	J	NS		0.00010		NS		<0.00020	U
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		<0.010	U	NS		2	UJ	NS		4.8	J	NS		0.00040		NS		<0.00020	U
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		<0.010	U	NS		6.2	J	NS		5.2	J	NS	U	0.00020	U	NS		<0.00020	U
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		<0.010	U	NS		-1.2	UJ	NS		2.1	UJ	NS		<0.00010	U	NS		<0.00020	U
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		<0.010	U	NS		2.1	UJ	NS		1.780	UJ	NS		0.00023		NS		<0.00020	U
		MMW022-R1	NS		<0.010	U	NS		5.5	UJ	NS		2.9	UJ	NS		0.00020		NS		<0.00020	U
		MMW022-R2	NS		<0.010	U	NS		-1.2	UJ	NS		0.74	UJ	NS		0.00020		NS		<0.00020	U
		MMW022-R3	NS		<0.010	U	NS		2	UJ	NS		1.7	UJ	NS		0.00030		NS		<0.00020	U
	Henry Mine north pit	MMW023	NS		<0.010	U	NS		6.3	J	NS		4.1	UJ	NS		0.00060		NS		<0.00020	U
	Henry South Pit Well	MPW022	NA		<0.010	U	NA		-1.2	UJ	NA		-0.3	UJ	NA		<0.0001	U	NA		<0.00020	U
	Henry Center Pit Well	MPW023	NS		<0.010	U	NS		11.000	J	NS		NS	J	NS		0.00090		NS		<0.00020	U

Table 3 (Continued)
Monitoring and Production Wells - Unfiltered Results

Station			Molybdenum				TSS				Silver				Thallium				Uranium			
			2006		2007		2006		2007*		2006		2007*		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Fall	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Fall	Flag	Fall	Flag
Enoch Valley Mine	South of EVM South Dump (MWD092); near edge of dump foot print	MMW007	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		0.00020		NS		0.00030	
	South of EVM South Dump (MWD092); south and downgradient from MMW007	MMW008	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		<0.00010	U	NS		0.00070	
	Central North Dump (MWD091)	MMW009	NS		0.040		NS		<5.0	U	NS		<0.010	U	NS		0.00050		NS		0.0047	
	Northwest of EVM North Dump (MWD091); in Lone Pine Creek Alluvial Flow Field	MMW012	NS		Dry		NS		Dry		NS		Dry		NS		Dry		NS		Dry	
	Southwest of EVM in Rasmussen Creek alluvial flow field	MMW013	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		<0.00010	U	NS		0.00020	
	Agrium Production Well	MPW006	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	EVM Shop Well	MPW019	NA		<0.010	U	<5.0	U	<5.0	U	NA		<0.010	U	NA		<0.00010	U	NA		0.0015	
	Degerstrom Well at EVM	MPW020	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Henry Mine	Henry North Pit Well S	MMW003	NA		DC		<5.0	U	DC		NA		NS		NA		DC		NA		DC	
	Henry North Pit Well N	MMW004	NA		<0.010	U	NS		<5.0	U	NA		<0.010	U	NA		<0.00010	U	NA		0.0012	
		MMW004-Avg	NA		NA		<5.0	U	NA		NA		NA		NA		NA		NA		NA	
		MMW004-R1	NA		NA		<5.0	U	NA		NA		NA		NA		NA		NA		NA	
		MMW004-R2	NA		NA		<5.0	U	NA		NA		NA		NA		NA		NA		NA	
		MMW004-R3	NA		NA		<5.0	U	NA		NA		NA		NA		NA		NA		NA	
	Southeast of Center Henry Pit (MMP042); near MPW 023	MMW010	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		<0.00010	U	NS		0.0020	
	NE of Center Henry Pit (MMP042); south Little Black Foot River	MMW011	NS		<0.010	U	NS		6.0		NS		<0.010	U	NS		0.00020		NS		0.0018	
	Southeast of Henry Mine Center Pit (MMP042); in Lone Pine Creek alluvial flow field	MMW014	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		0.00090	J	NS		0.013	
	Southeast of Henry Mine Center Pit (MMP042)	MMW019	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		<0.00010	U	NS		0.0011	
	Northeast lobe of Henry Mine waste rock dump MWD086	MMW022	NS		NA		NS		NA		NS		NA		NS		NA		NS		NA	
		MMW022-Avg	NS		<0.010	U	NS		<5.0	U	NS		0.011	U	NS		<0.00010	U	NS		0.0023	
		MMW022-R1	NS		<0.010	U	NS		<5.0	U	NS		0.030		NS		<0.00010	U	NS		0.0022	
		MMW022-R2	NS		<0.010	U	NS		<5.0	U	NS		0.010	U	NS		<0.00010	U	NS		0.0023	
		MMW022-R3	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U	NS		<0.00010	U	NS		0.0023	
	Henry Mine north pit	MMW023	NS		0.030		NS		<5.0	U	NS		<0.010	U	NS		0.00090		NS		0.00090	
	Henry South Pit Well	MPW022	NA		<0.010	U	<5.0	U	<5.0	U	NA		<0.010	U	NA		<0.00010	U	NA		<0.00010	U
	Henry Center Pit Well	MPW023	NS		0.030		NS		<5.0	U	NS		<0.010	U	NS		0.00050		NS		0.012	

Table 3 (Continued)
Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Aluminum				Antimony				Arsenic			
			2006		2007		2006		2007		2006		2007	
Mine	**Name**	**ID**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**	**Spring**	**Flag**	**Fall**	**Flag**
Ballard Mine	Ballard Pit East Well	MMW001	NA		0.75		NA		<0.00040	U	NA		0.0060	
		MMW001-Avg	NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		<0.03	U	NS		<0.00040	U	NS		0.0032	
		MMW006-R1	NS		<0.03	U	NS		<0.00040	U	NS		0.0033	
		MMW006-R2	NS		<0.03	U	NS		<0.00040	U	NS		0.0032	
		MMW006-R3	NS		<0.03	U	NS		<0.00040	U	NS		0.0031	
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		<0.03	U	NS		<0.00040	U	NS		0.0035	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		0.067		NS		<0.00040	U	NS		0.00080	
		MMW018-R1	NS		0.080		NS		<0.00040	U	NS		0.0010	
		MMW018-R2	NS		0.050		NS		<0.00040	U	NS		0.00090	
		MMW018-R3	NS		0.070		NS		<0.00040	U	NS		0.00050	
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.24		NS		0.0013		NS		0.0012	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		<0.03	U	NS		0.00060		NS		0.0015	

Table 3 (Continued)

Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Barium				Beryllium				Boron				Cobalt			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Ballard Pit East Well	MMW001	NA		0.016		NA		<0.0020	U	NA		0.020		NA		<0.010	U
		MMW001-Avg	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		0.033		NS		<0.0020	U	NS		0.020		NS		<0.010	U
		MMW006-R1	NS		0.033		NS		<0.0020	U	NS		0.020		NS		<0.010	U
		MMW006-R2	NS		0.032		NS		<0.0020	U	NS		0.020		NS		<0.010	U
		MMW006-R3	NS		0.033		NS		<0.0020	U	NS		0.020		NS		<0.010	U
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		0.10		NS		<0.0020	U	NS		0.020		NS		<0.010	U
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		<0.0020	U	NS		NA		NS		NA	
		MMW018-Avg	NS		0.048		NS		<0.0020	U	NS		0.013		NS		<0.010	U
		MMW018-R1	NS		0.046		NS		<0.0020	U	NS		0.010		NS		<0.010	U
		MMW018-R2	NS		0.049		NS		<0.0020	U	NS		0.010		NS		<0.010	U
		MMW018-R3	NS		0.050		NS		<0.0020	U	NS		0.020		NS		<0.010	U
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.031		NS		<0.0020	U	NS		0.020		NS		<0.010	U
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		0.095		NS		<0.0020	U	NS		0.020		NS		<0.010	U

Table 3 (Continued) Monitoring and Production Wells - Unfiltered Results (mg/L)†																		
Station			Copper				Gross Alpha				Gross Beta				Lead			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Ballard Pit East Well	MMW001	NA		<0.010	U	NA		3.800	UJ	NA		4		NA		0.001	
		MMW001-Avg	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		<0.010	U	NS		2.333		NS		2.7	UJ	NS		<0.00010	U
		MMW006-R1	NS		<0.010	U	NS		0.000	UJ	NS		3.0	UJ	NS		<0.00010	U
		MMW006-R2	NS		<0.010	U	NS		4.700	J	NS		5.1	J	NS		<0.00010	U
		MMW006-R3	NS		<0.010	U	NS		2.300	UJ	NS		0.0	UJ	NS		<0.00010	U
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		<0.010	U	NS		4.900	UJ	NS		4.4	UJ	NS		0.000	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		<0.010	U	NS		3.233	UJ	NS		0.0	UJ	NS		<0.00010	U
		MMW018-R1	NS		<0.010	U	NS		2.300	UJ	NS		2.0	UJ	NS		<0.00010	U
		MMW018-R2	NS		<0.010	U	NS		2.300	UJ	NS		-3.0	UJ	NS		<0.00010	U
		MMW018-R3	NS		<0.010	U	NS		5.100	J	NS		1.0	UJ	NS		<0.00010	U
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		<0.010	U	NS		0.680	UJ	NS		1.9	UJ	NS		0.002	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		<0.010	U	NS		1.300	UJ	NS		3.0	UJ	NS		0.002	

Table 3 (Continued)
Monitoring and Production Wells - Unfiltered Results (mg/L)†

Station			Mercury				Molybdenum				TSS				Silver			
			2006		2007		2006		2007		2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Ballard Pit East Well	MMW001	NA		<0.00020	U	NA		0.020		14	J	72		NA		<0.010	U
		MMW001-Avg	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA		NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA		NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC		6	J	DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC		NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC		NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW006-Avg	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW006-R1	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW006-R2	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW006-R3	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA		NS		NA		NS		NA	
		MMW018-Avg	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW018-R1	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW018-R2	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
		MMW018-R3	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		<0.00020	U	NS		0.030		NS		<5.0	U	NS		<0.010	U
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		<0.00020	U	NS		<0.010	U	NS		<5.0	U	NS		<0.010	U

Table 3 (Continued) Monitoring and Production Wells - Unfiltered Results (mg/L)†										
Station			Thallium				Uranium			
			2006		2007		2006		2007	
Mine	Name	ID	Spring	Flag	Fall	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Ballard Pit East Well	MMW001	NA		<0.00010	U	NA		0.0031	
		MMW001-Avg	NA		NA		NA		NA	
		MMW001-R1	NA		NA		NA		NA	
		MMW001-R2	NA		NA		NA		NA	
		MMW001-R3	NA		NA		NA		NA	
	Ballard Pit West Well	MMW002	NA		DC		NA		DC	
		MMW002-Avg	NA		DC		NA		DC	
		MMW002-R1	NA		DC		NA		DC	
		MMW002-R2	NA		DC		NA		DC	
		MMW002-R3	NA		DC		NA		DC	
	South of West Ballard Pit (MMP035)	MMW006	NS		NA		NS		NA	
		MMW006-Avg	NS		<0.00010	U	NS		0.00043	
		MMW006-R1	NS		<0.00010	U	NS		0.00040	
		MMW006-R2	NS		<0.00010	U	NS		0.00050	
		MMW006-R3	NS		<0.00010	U	NS		0.00040	
	Northwest of of Ballard Mine into Long Valley Creek alluvial flow field	MMW017	NS		<0.00010	U	NS		0.0093	
	East of Ballard Mine in Wooley Valley alluvial flow field	MMW018	NS		NA		NS		NA	
		MMW018-Avg	NS		<0.00010	U	NS		0.0034	
		MMW018-R1	NS		<0.00010	U	NS		0.0036	
		MMW018-R2	NS		<0.00010	U	NS		0.0036	
		MMW018-R3	NS		0.00050		NS		0.0031	
	East side of West Ballard Pit (MMP035); replacement of MMW001	MMW020	NS		0.0011		NS		0.0021	
	West side of West Ballard Pit (MMP035); replacement of MMW002	MMW021	NS		<0.00010	U	NS		0.0041	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data. Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.

Table 4
Seeps, Springs, and Headwater Streams - Unfiltered Results - COPC (mg/L)†

Station			Selenium						Cadmium						Chromium					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	1.6		0.056		Dry		0.0029		NA		Dry		0.0085		NA		Dry	
	EVM S Dump Seep	MDS026	0.079		0.16		0.019		0.0399		NA		<0.0001	U	0.020		NA		0.0039	
	Hedin Spring	MSG001	<0.0010	U	NA		0.0010		<0.0001	U	NA		<0.0001	U	0.0003		NA		0.0021	
		MSG001-Avg	NA		0.0020		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		0.0020		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		0.0020		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		0.0020		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	0.019		Dry		Dry		0.0003		Dry		Dry		0.0003		NS		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	0.15		Dry		Dry		0.0052		Dry		Dry		0.0007		NS		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	<0.0010	U	Dry		Dry		0.0002		Dry		Dry		0.0003		NS		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	0.0060		0.0030		0.0020		NA		NA		<0.0001	U	NA		NA		<0.0001	U
		MST274-Avg	0.0067		NA		NA		<0.0001	U	NA		NA		NA		NA		NA	
		MST274-R1	0.0070		NA		NA		<0.0001	U	NA		NA		0.0003		NA		NA	
		MST274-R2	0.0070		NA		NA		<0.0001	U	NA		NA		0.0003		NA		NA	
		MST274-R3	0.0060		NA		NA		<0.0001	U	NA		NA		0.0003		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	<0.0010	U	0.0014		NS		<0.0001	U	NA		NS		0.0011		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	0.019		<0.0010	U	Dry		0.0008		NA		Dry		0.0005		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	0.0080		<0.0010	U	<0.0010	U	<0.0001	U	NA		0.0005		0.0003		NA		<0.0001	U
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	0.0020		0.012		Dry		<0.0001	U	NA		Dry		0.0004		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	0.011		NS		NS		<0.0001	U	NS		NS		0.0004		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	0.020		NS		NS		<0.0001	U	NS		NS		0.0003		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	<0.0010	U	NS		NS		<0.0001	U	NS		NS		0.0007		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	0.0050		0.0060		0.0030		<0.0001	U	NA		<0.0001	U	0.0005		NA		<0.0001	U
	Lone Pine Creek, Spring Fed Tributary	MST277	<0.0010	U	<0.0010	U	Dry		<0.0001	U	NA		Dry		0.0004		NA		Dry	
		MST277-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	

Table 4
Seeps, Springs, and Headwater Streams - Unfiltered Results - COPC (mg/L)†

Station			Nickel						Vanadium						Zinc					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	0.032		NA		Dry		0.11		NA		Dry		0.044		NA		Dry	
	EVM S Dump Seep	MDS026	0.053		NA		0.0099		0.0089		NA		0.0008		0.13		NA		0.004	
	Hedin Spring	MSG001	<0.0006	U	NA		0.0011		<0.0002	U	NA		0.0003		<0.002	U	NA		<0.0002	U
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	0.0011		NS		Dry		0.0013		Dry		Dry		0.004		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	0.111		NS		Dry		0.0074		Dry		Dry		0.46		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	0.0012		NS		Dry		0.001		Dry		Dry		0.004		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		0.0014		NA		NA		0.0008		NA		NA		<0.0002	U
		MST274-Avg	0.00073		NA		NA		0.00067		NA		NA		<0.002	U	NA		NA	
		MST274-R1	0.0007		NA		NA		0.0005		NA		NA		<0.002	U	NA		NA	
		MST274-R2	0.0007		NA		NA		0.0007		NA		NA		<0.002	U	NA		NA	
		MST274-R3	0.0008		NA		NA		0.0008		NA		NA		<0.002	U	NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	0.0015		NA		NS		0.0014		NA		NS		0.006		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	0.0069		NA		Dry		0.0011		NA		Dry		0.014		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	0.0035		NA		0.011		<0.0002	U	NA		0.0039		<0.002	U	NA		0.025	
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	0.0022		NA		Dry		0.0005		NA		Dry		0.005		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	0.001		NS		NS		0.0007		NS		NS		<0.002	U	NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	0.0013		NS		NS		0.0023		NS		NS		0.004		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	<0.0006	U	NS		NS		0.0003		NS		NS		<0.002	U	NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	<0.0006	U	NA		0.0009		<0.0002	U	NA		0.0006		<0.002	U	NA		<0.0002	U
	Lone Pine Creek, Spring Fed Tributary	MST277	0.0008		NA		Dry		0.0039		NA		Dry		0.003		NA		Dry	
		MST277-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST277-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	

Table 4 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - COPC (mg/L)†

Station			Selenium						Cadmium						Chromium					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	0.48		0.73		0.92	J	<0.0001	U	NA		0.0002	U	0.0021		NA		0.0059	
	Pit #2 Lower Dump Seep S	MDS031	0.49		0.77		NS		0.0003		NA		Dry		0.0023		NA		Dry	
	Pit #2 Lower Dump Seep N	MDS032	1.3		NS		0.69		0.0002		NA		<0.0001	U	0.0006		NA		0.0087	
	Goat Seep	MDS033	1.4		0.052		2.2		0.0008		NA		0.0007		0.0131		NA		0.017	
	Garden Hose Spring	MSG003	0.46		0.57		0.53		<0.0001	U	NA		NA		0.001		NA		NA	
		MSG003-Avg	NS		NA		NA		NA		NA		<0.0001	U	NA		NA		0.0012	
		MSG003-R1	NS		NA		NA		NA		NA		<0.0001	U	NA		NA		0.0010	U
		MSG003-R2	NS		NA		NA		NA		NA		<0.0001	U	NA		NA		0.0013	
		MSG003-R3	NS		NA		NA		NA		NA		<0.0001	U	NA		NA		0.0013	
	Holmgren Spring	MSG004	0.050		0.015		Dry		NA		NA		Dry		NA		NA		Dry	
		MSG004-Avg	NA		NA		NS		<0.0001	U	NA		NS		0.0013		NA		NS	
		MSG004-R1	NA		NA		NS		<0.0001	U	NA		NS		0.0013		NA		NS	
		MSG004-R2	NA		NA		NS		<0.0001	U	NA		NS		0.0013		NA		NS	
		MSG004-R3	NA		NA		NS		<0.0001	U	NA		NS		0.0012		NA		NS	
	Cattle Spring	MSG005	NA		0.0070		0.0020		NA		NA		<0.0001	U	NA		NA		0.00039	
		MSG005-Avg	0.011		NA		NA		<0.0001	U	NA		NA		0.0006		NA		NA	
		MSG005-R1	0.011		NA		NA		<0.0001	U	NA		NA		0.0007		NA		NA	
		MSG005-R2	0.011		NA		NA		<0.0001	U	NA		NA		0.0006		NA		NA	
		MSG005-R3	0.010		NA		NA		<0.0001	U	NA		NA		0.0006		NA		NA	
	SE Spring	MSG006	0.16		0.26		0.018		0.0002		NA		<0.0001	U	0.0005		NA		<0.0001	U
	Horse Spring	MSG007	0.012		0.0030		0.0030		<0.0001	U	NA		0.0002	U	0.0017		NA		0.003	
	Ballard Creek, Headwaters	MST067	0.58		0.022		Dry		0.0046		NA		Dry		0.0008		NA		Dry	
	W Fork Ballard Creek, Headwaters	MST068	0.89		Dry		Dry		0.0027		NS		Dry		0.0012		Dry		Dry	
	Short Creek, Below BM	MST069	0.039		1.1		0.034		NA		NA		0.0004		NA		NA		0.0006	
		MST069-Avg	NA		NA		NA		0.00023		NA		NA		0.00063		NA		NA	
		MST069-R1	NA		NA		NA		0.0002		NA		NA		0.0008		NA		NA	
		MST069-R2	NA		NA		NA		0.0003		NA		NA		0.0006		NA		NA	
		MST069-R3	NA		NA		NA		0.0002		NA		NA		0.0005		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	<0.0010	U	<0.0010	U	Dry		<0.0001	U	NA		Dry		0.0004		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	<0.0010	U	<0.0010	U	Dry		<0.0001	U	NA		Dry		0.0005		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	0.35		0.073		Dry		0.0006		NA		Dry		0.0009		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	0.052		NS		Dry		<0.0001	U	NS		Dry		0.0007		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		0.00035		0.00035		NS		NA		<0.0001	U	NS		NA		0.0048	

Table 4 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - COPC (mg/L)†

Station			Nickel						Vanadium						Zinc					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	<0.0006	U	NA		0.0051		0.001		NA		0.0041		<0.002	U	NA		0.01	
	Pit #2 Lower Dump Seep S	MDS031	0.0037		NA		Dry		0.0013		NA		Dry		0.009		NA		Dry	
	Pit #2 Lower Dump Seep N	MDS032	0.0052		NA		0.015		0.0009		NA		0.0068		0.012		NA		0.038	
	Goat Seep	MDS033	0.0175		NA		0.021		0.0083		NA		0.0071		0.049		NA		0.044	
	Garden Hose Spring	MSG003	<0.0006	U	NA		NA		0.0005		NA		NA		<0.002	U	NA		NA	
		MSG003-Avg	NA		NA		0.0017		NA		NA		0.001		NA		NA		<0.002	U
		MSG003-R1	NA		NA		0.0015		NA		NA		0.001		NA		NA		<0.002	U
		MSG003-R2	NA		NA		0.002		NA		NA		0.001		NA		NA		<0.002	U
		MSG003-R3	NA		NA		0.0017		NA		NA		0.001		NA		NA		<0.002	U
	Holmgren Spring	MSG004	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSG004-Avg	0.001		NA		NS		0.0012		NA		NS		0.0037		NA		NS	
		MSG004-R1	0.001		NA		NS		0.0012		NA		NS		0.004		NA		NS	
		MSG004-R2	0.001		NA		NS		0.0012		NA		NS		0.003		NA		NS	
		MSG004-R3	0.001		NA		NS		0.0012		NA		NS		0.004		NA		NS	
	Cattle Spring	MSG005	NA		NA		0.001		NA		NA		0.0004		NA		NA		0.017	
		MSG005-Avg	<0.0006	U	NA		NA		0.0004		NA		NA		<0.002	U	NA		NA	
		MSG005-R1	<0.0006	U	NA		NA		0.0004		NA		NA		0.003		NA		NA	
		MSG005-R2	<0.0006	U	NA		NA		0.0003		NA		NA		<0.002	U	NA		NA	
		MSG005-R3	<0.0006	U	NA		NA		0.0004		NA		NA		<0.002	U	NA		NA	
	SE Spring	MSG006	0.020		NA		0.0045		0.0041		NA		0.0022		0.018		NA		0.004	
	Horse Spring	MSG007	0.0022		NA		0.0035		0.0031		NA		0.0057		0.008		NA		0.012	
	Ballard Creek, Headwaters	MST067	0.017		NA		Dry		0.025		NA		Dry		0.11		NA		Dry	
	W Fork Ballard Creek, Headwaters	MST068	0.023		Dry		Dry		0.021		NS		Dry		0.045		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		0.029		NA		NA		0.0019		NA		NA		0.02	
		MST069-Avg	0.0091		NA		NA		0.0010		NA		NA		0.015		NA		NA	
		MST069-R1	0.0095		NA		NA		0.0012		NA		NA		0.016		NA		NA	
		MST069-R2	0.0089		NA		NA		0.0010		NA		NA		0.015		NA		NA	
		MST069-R3	0.0088		NA		NA		0.00090		NA		NA		0.015		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	0.0015		NA		Dry		0.0032		NA		Dry		0.002		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	<0.0006	U	NA		Dry		0.0007		NA		Dry		0.0014	U	NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	0.070		NA		Dry		0.0036		NA		Dry		0.105		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	<0.0006	U	Dry		Dry		0.0008		NS		Dry		0.004		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		0.0041		NS		NA		0.0028		NS		NA		0.011	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data. Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Aluminum						Antimony, total						Arsenic, Total						Barium, Total					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.001		NA		NA		0.023	
	Hedin Spring	MSG001	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		<0.0005	U	NA		NA		0.14	
		MSG001-Avg	NA		<0.03	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		<0.03	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		<0.03	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		<0.03	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		NA		Dry		Dry		NA		NS		Dry		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		NA		Dry		Dry		NA		NS		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		NA		Dry		Dry		NA		NS		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		<0.03	U	0.18		NA		NA		<0.0004	U	NA		NA		<0.0005	U	NA		NA		0.075	
		MST274-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		NA		NA		NS		NA		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		0.060	U	1.12		NA		NA		<0.0004	U	NA		NA		0.0013		NA		NA		0.078	
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		0.013		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		<0.0005	U	NA		NA		0.066	
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		<0.03	U	Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Beryllium, Total						Boron, Total						Calcium, Total						Carbon, total organic (TOC)				
			2006		2007				2006		2007				2006		2007				2006		2007		
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		3		NA		Dry
	EVM S Dump Seep	MDS026	NA		NA		<0.002	U	NA		NA		<0.01	U	NA		NA		301		<1	U	NA		NA
	Hedin Spring	MSG001	NA		NA		<0.002	U	NA		NA		<0.01	U	NA		NA		69.1		<1	U	NA		NA
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		NS		NS		NS
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		NS		NS		NS
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS		NS		NS		NS
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		2		Dry		Dry
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		3		Dry		Dry
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		3		Dry		Dry
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		<0.002	U	NA		NA		0.07		NA		NA		72.2		NA		NA		NA
		MST274-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		3		NA		NA
		MST274-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		3		NA		NA
		MST274-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		4		NA		NA
		MST274-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		2		NA		NA
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		NA		NA		NS		NA		NA		NS		6		NA		NS
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		18		NA		Dry
	S Pit Overburden Limestone Drain	MDS022	NA		NA		<0.002	U	NA		NA		0.02		NA		NA		105		6		NA		NA
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
	Taylor Spring	MSG002	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		3		NA		Dry
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		NA		NS		NS		NA		NS		NS		8		NS		NS
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		NA		NS		NS		NA		NS		NS		7		NS		NS
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		NA		NS		NS		NA		NS		NS		3		NS		NS
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		<0.002	U	NA		NA		0.02		NA		NA		76.5		5		NA		NA
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry		8		NS		Dry
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA

Flag

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)

Station			Cobalt, Total						Copper						Gross Alpha					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		17	J
	Hedin Spring	MSG001	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		3.1	J
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		4.1	
		MST274-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		NA		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		2.3	UJ
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		1.4	UJ
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)

Station			Gross Beta						Iron, Total						Lead, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		NA		14	J	NA		NA		0.03		NA		NA		<0.0001	U
	Hedin Spring	MSG001	NA		NA		5.2	J	NA		NA		<0.02	U	NA		NA		<0.0001	U
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		1.2		NA		NA		0.12		NA		NA		<0.0001	U
		MST274-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		NA		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		NA		5.7	J	NA		NA		1.37		NA		NA		0.0006	U
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		1.6	UJ	NA		NA		0.03		NA		NA		<0.0001	U
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)

Station			Magnesium, Total						Manganese, Total						Mercury					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		NA		84.3		NA		NA		0.14		NA		NA		<0.00020	U
	Hedin Spring	MSG001	NA		NA		10.4		NA		NA		0.0007		NA		NA		<0.00020	U
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		9.8		NA		NA		0.018		NA		NA		<0.00020	U
		MST274-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		NA		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		NA		58.3		NA		NA		0.62		NA		NA		<0.00020	U
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		17		NA		NA		0.0017		NA		NA		<0.00020	U
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)

Station			Molybdenum, Total						Nitrate/Nitrite as N						Potassium, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		<0.020	U	NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		NA		<0.01	U	0.030		NA		<0.020	U	NA		NA		1.9	
	Hedin Spring	MSG001	NA		NA		<0.01	U	0.41		NA		NA		NA		NA		0.9	
		MSG001-Avg	NA		NA		NA		NA		NA		0.44		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		Dry		NS		NA		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		Dry		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		Dry		Dry		0.24		Dry		NS		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		Dry		Dry		0.11		Dry		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		Dry		Dry		<0.020	U	Dry		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		<0.01	U	NA		NA		0.060		NA		NA		1.1	
		MST274-Avg	NA		NA		NA		0.23		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		0.22		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		0.22		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		0.25		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		<0.020	U	NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		<0.020	U	NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		NA		<0.01	U	<0.020	U	NA		<0.020	U	NA		NA		5.6	
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		NA		Dry		<0.020	U	NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		<0.020	U	NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		<0.020	U	NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		<0.020	U	NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		<0.01	U	<0.020	U	NA		0.22		NA		NA		0.9	
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		0.080		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Residue, Non-Filterable (TSS)						Silver, Total						Sodium, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	26		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	68		NA		<5	U	NA		NA		<0.01	U	NA		NA		17.1	
	Hedin Spring	MSG001	<5	U	NA		<5	U	NA		NA		<0.01	U	NA		NA		5.6	
		MSG001-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	Dry		NS		NS		NS		NS		NS		NS		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	Dry		NS		NS		NS		NS		NS		NS		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	Dry		NS		NS		NS		NS		NS		NS		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	<5	U	Dry		Dry		NA		Dry		Dry		NA		NS		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	<5	U	Dry		Dry		NA		Dry		Dry		NA		NS		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	6		Dry		Dry		NA		Dry		Dry		NA		NS		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		<5	U	NA		NA		<0.01	U	NA		NA		7	
		MST274-Avg	8.0		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R1	10		NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R2	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MST274-R3	6		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	<5	U	NA		NS		NA		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	<5	U	NA		Dry		NA		NA		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	<5	U	NA		40		NA		NA		<0.01	U	NA		NA		19.1	
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	8		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	8		NS		NS		NA		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	<5	U	NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	<5	U	NS		NS		NA		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	<5	U	NA		<5	U	NA		NA		<0.01	U	NA		NA		9.1	
	Lone Pine Creek, Spring Fed Tributary	MST277	<5	U	NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	

Table 5
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Thallium, Total						Total Alkalinity						Uranium, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM W Dump Seep	MDS025	NA		NA		Dry		130		180		Dry		NA		NA		Dry	
	EVM S Dump Seep	MDS026	NA		NA		0.0002		320		300		310		NA		NA		0.045	
	Hedin Spring	MSG001	NA		NA		<0.0001	U	190		NA		200		NA		NA		0.0006	
		MSG001-Avg	NA		NA		NA		NA		190		NA		NA		NA		NA	
		MSG001-R1	NA		NA		NA		NA		190		NA		NA		NA		NA	
		MSG001-R2	NA		NA		NA		NA		190		NA		NA		NA		NA	
		MSG001-R3	NA		NA		NA		NA		190		NA		NA		NA		NA	
	W Rasmussen Creek #1, above Lone Pine Creek	MST059	NS		NS		NS		NS		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #2, above Lone Pine Creek	MST060	NS		NS		NS		NS		NS		NS		Dry		NS		NS	
	W Rasmussen Creek #3, above Lone Pine Creek	MST061	NS		NS		NS		NS		NS		NS		Dry		NS		NS	
	Rasmussen Creek, Headwaters near EVM Pond	MST136	NA		NS		Dry		98		NS		Dry		NA		Dry		Dry	
	W Pond Creek Headwaters, below W Pond	MST144	NA		NS		Dry		57		NS		Dry		NA		Dry		Dry	
	E Fork Rasmussen Creek Headwaters	MST269	NA		NS		Dry		95		NS		Dry		NA		Dry		Dry	
	W Fork Rasmussen Creek Above Rasmussen Creek	MST274	NA		NA		<0.0001	U	NA		150		180		NA		NA		0.0007	
		MST274-Avg	NA		NA		NA		130		NA		NA		NA		NA		NA	
		MST274-R1	NA		NA		NA		120		NA		NA		NA		NA		NA	
		MST274-R2	NA		NA		NA		150		NA		NA		NA		NA		NA	
		MST274-R3	NA		NA		NA		130		NA		NA		NA		NA		NA	
	N Fork Lone Pine Creek Above E Fork Lone Pine Creek	MST275	NA		NA		NS		39		NA		NS		NA		NA		NS	
Henry Mine	S Pit Overburden Dump Seep	MDS016	NA		NA		Dry		190		390		Dry		NA		NA		Dry	
	S Pit Overburden Limestone Drain	MDS022	NA		NA		<0.0001	U	39		400		500		NA		NA		0.0024	
		MDS022-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MDS022-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	Taylor Spring	MSG002	NA		NA		Dry		260		170		Dry		NA		NA		Dry	
	Lone Pine Creek Above W Fork Lone Pine Creek	MST058	NA		NS		NS		180		NS		NS		NA		NS		NS	
	W Fork Lone Pine Creek Above Tributary	MST064	NA		NS		NS		290		NS		NS		NA		NS		NS	
		MST064-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MST064-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	E Fork Lone Pine Creek Below Wooley Valley Mine	MST226	NA		NS		NS		140		NS		NS		NA		NS		NS	
	Tributary Above W Fork Lone Pine Creek	MST276	NA		NA		0.0006		270		240		250		NA		NA		0.0022	
	Lone Pine Creek, Spring Fed Tributary	MST277	NA		NS		Dry		230		250	J	Dry		NA		NS		Dry	
		MST277-Avg	NA		NS		NA		NA		NA		NA		NA		NS		NA	
		MST277-R1	NA		NS		NA		NA		NA		NA		NA		NS		NA	
		MST277-R2	NA		NS		NA		NA		NA		NA		NA		NS		NA	
		MST277-R3	NA		NS		NA		NA		NA		NA		NA		NS		NA	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Aluminum						Antimony, Total						Arsenic, Total						Barium					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		0.07		1.8	J	NA		NA		<0.0004	U	NA		NA		0.021		NA		NA		0.064	
	Pit #2 Lower Dump Seep S	MDS031	NA		1.01	J	Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		0.24		2.69		NA		NA		0.0005		NA		NA		0.021		NA		NA		0.077	
	Goat Seep	MDS033	NA		1.61		2.02		NA		NA		<0.0004	U	NA		NA		0.047		NA		NA		0.072	
	Garden Hose Spring	MSG003	NA		<0.03		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.014		NA		NA		0.043	
		MSG003-R1	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.014		NA		NA		0.043	
		MSG003-R2	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.015		NA		NA		0.043	
		MSG003-R3	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.015		NA		NA		0.042	
	Holmgren Spring	MSG004	NA		4.21		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R1	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R2	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R3	NA		NA		NA		NA		NS		NA		NA		NS		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		<0.0005	U	NA		NA		0.05	
		MSG005-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		0.17		0.24		NA		NA		<0.0004	U	NA		NA		0.0012		NA		NA		0.063	
	Horse Spring	MSG007	NA		0.49		3.36		NA		NA		<0.0004	U	NA		NA		0.0013	U	NA		NA		0.088	
	Ballard Creek, Headwaters	MST067	NA		0.36		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		NA		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Short Creek, Below BM	MST069	NA		0.28	U	0.17		NA		NA		<0.0004	U	NA		NA		0.0289		NA		NA		0.054	
		MST069-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		0.3		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		<0.03	U	Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		<0.03	U	Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		NA		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		0.26		1.73		NS		NA		<0.0004	U	NS		NA		0.0011	U	NS		NA		0.065	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Beryllium, Total						Boron, Total						Calcium, Total						Carbon, total organic (TOC)					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		<0.02	U	NA		NA		0.03		NA		NA		171		3		NA		NA	
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry		4		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		<0.02	U	NA		NA		0.05		NA		NA		260		9		NA		NA	
	Goat Seep	MDS033	NA		NA		<0.02	U	NA		NA		0.05		NA		NA		313		5		NA		NA	
	Garden Hose Spring	MSG003	NA		NA		NA		NA		NA		NA		NA		NA		NA		<1	U	NA		NA	
		MSG003-Avg	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		137		NA		NA		NA	
		MSG003-R1	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		140		NA		NA		NA	
		MSG003-R2	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		136		NA		NA		NA	
		MSG003-R3	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		136		NA		NA		NA	
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA		2.3		NS		NA	
		MSG004-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA		2		NS		NA	
		MSG004-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA		2		NS		NA	
		MSG004-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA		3		NS		NA	
	Cattle Spring	MSG005	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		74.4		NA		NA		NA	
		MSG005-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		3.5		NA		NA	
		MSG005-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		4		NA		NA	
		MSG005-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		3		NA		NA	
		MSG005-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		<1	U	NA		NA	
	SE Spring	MSG006	NA		NA		<0.02	U	NA		NA		<0.01	U	NA		NA		142		5		NA		NA	
	Horse Spring	MSG007	NA		NA		<0.02	U	NA		NA		0.02		NA		NA		78		8		NA		NA	
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry		6		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		7.0		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		<0.02	U	NA		NA		0.29		NA		NA		472		NA		NA		NA	
		MST069-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		5.3		NA		NA	
		MST069-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		5		NA		NA	
		MST069-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		5		NA		NA	
		MST069-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		6		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		8		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		3		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		2		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		2		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		<0.02	U	NS		NA		0.03		NS		NA		72.6		NS		NA		NA	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Cobalt, Total						Copper, Total						Gross Alpha					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		3.1	J
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		16	J
	Goat Seep	MDS033	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		17	J
	Garden Hose Spring	MSG003	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		2.7	J
		MSG003-R1	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		2.4	J
		MSG003-R2	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		3.1	J
		MSG003-R3	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		2.7	J
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		0	UJ
		MSG005-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		5.1	J
	Horse Spring	MSG007	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		4.2	J
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA				NA		NA		<0.01	U	NA		NA		29	J
		MST069-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		<0.01	U	NS		NA		<0.01	U	NS		NA		2.3	UJ

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Gross Beta						Iron, Total						Lead, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		1.5	UJ	NA		NA		1.63		NA		NA		0.0009	
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		13	J	NA		NA		2.29		NA		NA		0.0014	
	Goat Seep	MDS033	NA		NA		10	J	NA		NA		1.93		NA		NA		0.0008	U
	Garden Hose Spring	MSG003	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		4.0	J	NA		NA		<0.02	U	NA		NA		<0.0001	U
		MSG003-R1	NA		NA		4.6	J	NA		NA		<0.02	U	NA		NA		<0.0001	U
		MSG003-R2	NA		NA		4.2	J	NA		NA		<0.02	U	NA		NA		<0.0001	U
		MSG003-R3	NA		NA		3.2	UJ	NA		NA		<0.02	U	NA		NA		<0.0001	U
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R1	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R2	NA		NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R3	NA		NS		NA		NA		NS		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		NA		0.87	UJ	NA		NA		0.19		NA		NA		<0.0001	U
		MSG005-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		NA		3.9	UJ	NA		NA		0.5		NA		NA		<0.0001	U
	Horse Spring	MSG007	NA		NA		6.1	J	NA		NA		4.22		NA		NA		0.002	
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		24		NA		NA		0.1	U	NA		NA		0.0002	
		MST069-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		4.3	J	NS		NA		1.69		NS		NA		0.001	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Magnesium, Total						Manganese, Total						Mercury					
			2006		2007				2006		2007				2006*		2007*			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		19.3		NA		NA		0.096		NA		NA		<0.00020	U
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		71.2		NA		NA		0.043		NA		NA		<0.00020	U
	Goat Seep	MDS033	NA		NA		75.2		NA		NA		0.060		NA		NA		<0.00020	U
	Garden Hose Spring	MSG003	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		14.6		NA		NA		0.0011		NA		NA		<0.00020	U
		MSG003-R1	NA		NA		14.9		NA		NA		0.0009		NA		NA		<0.00020	U
		MSG003-R2	NA		NA		14.5		NA		NA		0.0012		NA		NA		<0.00020	U
		MSG003-R3	NA		NA		14.4		NA		NA		0.0013		NA		NA		<0.00020	U
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		NA		NS		NA		NA		NS		NS	
		MSG004-R1	NA		NS		NA		NA		NS		NA		NA		NS		NS	
		MSG004-R2	NA		NS		NA		NA		NS		NA		NA		NS		NS	
		MSG004-R3	NA		NS		NA		NA		NS		NA		NA		NS		NS	
	Cattle Spring	MSG005	NA		NA		21.1		NA		NA		0.10		NA		NA		<0.00020	U
		MSG005-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		NA		26.2		NA		NA		0.42		NA		NA		<0.00020	U
	Horse Spring	MSG007	NA		NA		22.9		NA		NA		0.3		NA		NA		<0.00020	U
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		94.7		NA		NA		0.015		NA		NA		<0.00020	U
		MST069-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		17.7		NS		NA		0.34		NS		NA		<0.00020	UJ

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Molybdenum, Total						Nitrate/Nitrite as N						Potassium, Total					
			2006		2007				2006*		2007*				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		<0.01	U	4.1		NA		3.6	J	NA		NA		1.3	
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		3.9		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		<0.01	U	2.1		NA		0.31		NA		NA		5.9	
	Goat Seep	MDS033	NA		NA		<0.01	U	2.5		NA		0.26		NA		NA		3.4	
	Garden Hose Spring	MSG003	NA		NA		NA		4.5		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		<0.01	U	NA		NA		4.8		NA		NA		0.9	
		MSG003-R1	NA		NA		<0.01	U	NA		NA		4.7		NA		NA		0.9	
		MSG003-R2	NA		NA		<0.01	U	NA		NA		4.9		NA		NA		1	
		MSG003-R3	NA		NA		<0.01	U	NA		NA		4.8		NA		NA		0.8	
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		<0.020	U	NS		NA		NA		NS		NA	
		MSG004-R1	NA		NS		NA		<0.020	U	NS		NA		NA		NS		NA	
		MSG004-R2	NA		NS		NA		<0.020	U	NS		NA		NA		NS		NA	
		MSG004-R3	NA		NS		NA		0.070		NS		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		NA		<0.01	U	NA		NA		0.070		NA		NA		1.0	
		MSG005-Avg	NA		NA		NA		1.5		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		1.4		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		1.4		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		1.6		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		NA		<0.01	U	<0.020	U	NA		0.020		NA		NA		2.5	
	Horse Spring	MSG007	NA		NA		<0.01	U	<0.020	U	NA		0.050		NA		NA		1.9	
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		1.5		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		0.15		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		<0.01	U	NA		NA		NA		NA		NA		3.5	
		MST069-Avg	NA		NA		NA		1.0		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		0.96		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		0.96		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		0.97		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		<0.020	U	NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		0.040		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		<0.020	U	NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		0.54		Dry		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		<0.01	U	NA		NA		0.040		NS		NA		5.9	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Residue, Non-Filterable (TSS)						Silver, Total						Sodium, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	<5.0	U	NA		48		NA		NA		<0.01	U	NA		NA		10.9	
	Pit #2 Lower Dump Seep S	MDS031	8		NS		Dry		NA		NS		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	8		NA		60		NA		NA		<0.01	U	NA		NA		37.3	
	Goat Seep	MDS033	56		NA		32		NA		NA		<0.01	U	NA		NA		32.5	
	Garden Hose Spring	MSG003	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		<5.0	U	NA		NA		<0.01	U	NA		NA		9	
		MSG003-R1	NA		NA		<5.0	U	NA		NA		<0.01	U	NA		NA		9.2	
		MSG003-R2	NA		NA		<5.0	U	NA		NA		<0.01	U	NA		NA		8.9	
		MSG003-R3	NA		NA		<5.0	U	NA		NA		<0.01	U	NA		NA		8.9	
	Holmgren Spring	MSG004	NA		NS		Dry		NA		NS		Dry		NA		NS		Dry	
		MSG004-Avg	<5.0	U	NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R1	<5.0	U	NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R2	<5.0	U	NS		NA		NA		NS		NA		NA		NS		NA	
		MSG004-R3	<5.0	U	NS		NA		NA		NS		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		NA		8.0		NA		NA		<0.01	U	NA		NA		4.4	
		MSG005-Avg	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R1	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R2	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MSG005-R3	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
	SE Spring	MSG006	<5.0	U	NA		<5.0	U	NA		NA		<0.01	U	NA		NA		7.4	
	Horse Spring	MSG007	64		NA		88		NA		NA		<0.01	U	NA		NA		8.1	
	Ballard Creek, Headwaters	MST067	<5.0	U	NS		Dry		NA		NS		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	<5.0	U	Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		<5.0	U	NA		NA		<0.01	U	NA		NA		42.7	
		MST069-Avg	6	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R1	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R2	<5.0	U	NA		NA		NA		NA		NA		NA		NA		NA	
		MST069-R3	6		NA		NA		NA		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	<5.0	U	NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	<5.0	U	NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	<5.0	U	NA		Dry		NA		NA		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	<5.0	U	Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		40		NS		NA		<0.01	U	NS		NA		8.1	

Table 5 (Continued)
Seeps, Springs, and Headwater Streams - Unfiltered Results - Screening Analytes (mg/L)†

Station			Thallium, Total						Total Alkalinity						Uranium, Total					
			2006		2007				2006*		2007*				2006		2007			
Mine	Station Name	Station ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Ballard Mine	Pit #2 Upper Dump Seep	MDS030	NA		NA		<0.0001	U	290		NS		290		NA		NA		0.0022	
	Pit #2 Lower Dump Seep S	MDS031	NA		NS		Dry		250		230		Dry		NA		NS		Dry	
	Pit #2 Lower Dump Seep N	MDS032	NA		NA		<0.0001	U	330		NA		350		NA		NA		0.017	
	Goat Seep	MDS033	NA		NA		<0.0001	U	220		280	J	350		NA		NA		0.0226	
	Garden Hose Spring	MSG003	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSG003-Avg	NA		NA		<0.0001	U	290		280		290		NA		NA		0.0017	
		MSG003-R1	NA		NA		<0.0001	U	NA		280		290		NA		NA		0.0017	
		MSG003-R2	NA		NA		<0.0001	U	NA		280		290		NA		NA		0.0018	
		MSG003-R3	NA		NA		<0.0001	U	290		280		280		NA		NA		0.0017	
	Holmgren Spring	MSG004	NA		NS		Dry		NA		240		Dry		NA		NS		Dry	
		MSG004-Avg	NA		NS		NA		210		NA		NA		NA		NS		NA	
		MSG004-R1	NA		NS		NA		200		NA		NA		NA		NS		NA	
		MSG004-R2	NA		NS		NA		220		NA		NA		NA		NS		NA	
		MSG004-R3	NA		NS		NA		220		NA		NA		NA		NS		NA	
	Cattle Spring	MSG005	NA		NA		0.0002		NA		260		260		NA		NA		0.0005	
		MSG005-Avg	NA		NA		NA		250		NA		NA		NA		NA		NA	
		MSG005-R1	NA		NA		NA		250		NA		NA		NA		NA		NA	
		MSG005-R2	NA		NA		NA		250		NA		NA		NA		NA		NA	
		MSG005-R3	NA		NA		NA		240		NA		NA		NA		NA		NA	
	SE Spring	MSG006	NA		NA		<0.0001	U	61		260		230		NA		NA		0.0006	
	Horse Spring	MSG007	NA		NA		<0.0001	U	200		180		230		NA		NA		0.001	
	Ballard Creek, Headwaters	MST067	NA		NS		Dry		300		200		Dry		NA		NS		Dry	
	W Fork Ballard Creek, Headwaters	MST068	NA		Dry		Dry		170		Dry		Dry		NA		Dry		Dry	
	Short Creek, Below BM	MST069	NA		NA		0.0002		NS		270		330		NA		NA		0.0685	
		MST069-Avg	NA		NA		NA		220		NA		NA		NA		NA		NA	
		MST069-R1	NA		NA		NA		220		NA		NA		NA		NA		NA	
		MST069-R2	NA		NA		NA		220		NA		NA		NA		NA		NA	
		MST069-R3	NA		NA		NA		230		NA		NA		NA		NA		NA	
	N Fork Wooley Valley Creek, Above BM	MST093	NA		NA		Dry		110		150		Dry		NA		NA		Dry	
	Spring Fed Tributary #1 Above N Fork Wooley Valley Creek Below BM	MST094	NA		NA		Dry		130		200		Dry		NA		NA		Dry	
	Spring Fed Tributary #2 Above N Fork Wooley Valley Creek Below BM	MST095	NA		NA		Dry		210		200		Dry		NA		NA		Dry	
	Spring Fed Tributary #3 Above N Fork Wooley Valley Creek Below BM	MST096	NA		Dry		Dry		210		NS		Dry		NA		Dry		Dry	
	South Tributary to Wooley Valley Creek	MST279	NS		NA		0.0003	U	NS		200		260		NS		NA		0.0017	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data. Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.

Table 6
Ponds - Unfiltered Results - COPC (mg/L)†

Station			Selenium						Cadmium						Chromium					
			2006		2007				2006		2007				2006		2007			
	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	0.36		1.1		0.031		NA		NA		0.00020		NA		NA		0.0012	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	0.39		0.53		0.022		NA		NA		0.0040		NA		NA		0.00044	
	EVM Bat Cave Pond	MSP019	0.094		0.077		NA		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		0.0090		NA		NA		<0.0001	U	NA		NA		0.00033	U
		MSP019-R1	NA		NA		0.0090		NA		NA		<0.0001	U	NA		NA		0.0003	U
		MSP019-R2	NA		NA		0.0090		NA		NA		<0.0001	U	NA		NA		0.0004	U
		MSP019-R3	NA		NA		0.0090		NA		NA		<0.0001	U	NA		NA		0.0003	U
	EVM West Pond	MSP020	0.082		0.045		0.040		NA		NA		0.0013		NA		NA		0.0013	
	EVM Stock Pond	MSP021	NA		0.23		0.027		NA		NA		0.00020	U	NA		NA		0.00048	
		MSP021-Avg	0.015		0.23		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	0.015		0.23		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	0.015		0.23		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	0.015		0.23		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	0.020		0.035		0.025		NA		NA		0.00020		NA		NA		0.0009	
	EVM Haul Road Pond	MSP023	0.030		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	<0.0010	U	0.0020		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	0.071		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	0.071		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	0.072		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	0.070		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	0.36		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	0.38		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	0.35		0.36		Dry		NA		NA		Dry		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	0.98		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	0.042	R	0.043		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NA		NA		NA		NA		NS		NA		NA		NS	
		MSP011-R1	NA		NA		NA		NA		NA		NS		NA		NA		NS	
		MSP011-R2	NA		NA		NA		NA		NA		NS		NA		NA		NS	
		MSP011-R3	NA		NA		NA		NA		NA		NS		NA		NA		NS	
	BM Lower Elk Pond	MSP012	0.076		0.15		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	0.19		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NS		0.027		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NS	U	Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	

Table 6 (Continued)
Ponds - Unfiltered Results - COPC (mg/L)†

Station			Nickel						Vanadium						Zinc					
			2006		2007				2006		2007				2006		2007			
	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		0.011		NA		NA		0.0040		NA		NA		0.0050	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		0.28		NA		NA		0.020		NA		NA		0.24	
	EVM Bat Cave Pond	MSP019	NA		NA		NA		NA		NA		0.0045		NA		NA		NA	
		MSP019-Avg	NA		NA		0.014		NA		NA		0.0044		NA		NA		0.002	
		MSP019-R1	NA		NA		0.0138		NA		NA		0.0046		NA		NA		0.002	
		MSP019-R2	NA		NA		0.0139		NA		NA		0.0045		NA		NA		0.002	
		MSP019-R3	NA		NA		0.0136		NA		NA		NA		NA		NA		0.002	
	EVM West Pond	MSP020	NA		NA		0.022		NA		NA		0.039		NA		NA		0.040	
	EVM Stock Pond	MSP021	NA		NA		0.018		NA		NA		0.0083		NA		NA		0.010	
		MSP021-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		0.0082		NA		NA		0.042		NA		NA		0.0050	
	EVM Haul Road Pond	MSP023	NA		NS		NS		NA		NS		NS		NA		NA		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NA		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R1	NA		NA		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R2	NA		NA		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R3	NA		NA		NS		NA		NA		NS		NA		NA		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		NA		Dry		Dry		NA		NS		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		NA		Dry		Dry		NA		NS		Dry	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data. Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Aluminum, Total						Antimony						Arsenic						Barium					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		0.07		<0.03	U	NA		NA		<0.0004	U	NA		NA		0.0029		NA		NA		0.012	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		0.28		0.07		NA		NA		<0.0004	U	NA		NA		0.0011		NA		NA		0.019	
	EVM Bat Cave Pond	MSP019	NA		<0.03	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		<0.03	U	NA		NA		0.0006		NA		NA		0.0028		NA		NA		0.009	
		MSP019-R1	NA		NA		<0.03	U	NA		NA		0.0006		NA		NA		0.0029		NA		NA		0.009	
		MSP019-R2	NA		NA		<0.03	U	NA		NA		0.0006		NA		NA		0.0028		NA		NA		0.01	
		MSP019-R3	NA		NA		<0.03	U	NA		NA		0.0006		NA		NA		0.0028		NA		NA		0.009	
	EVM West Pond	MSP020	NA		0.17		0.95		NA		NA		0.002		NA		NA		0.0047		NA		NA		0.033	
	EVM Stock Pond	MSP021	NA		<0.03	U	<0.03	U	NA		NA		<0.0004	U	NA		NA		0.0021		NA		NA		0.004	
		MSP021-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		0.43	U	0.07		NA		NA		0.0008		NA		NA		0.0054		NA		NA		0.089	
	EVM Haul Road Pond	MSP023	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NA		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NA		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NA		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NA		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		<0.03	U	Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		8.47		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Beryllium, total						Boron, total						Cobalt, total						Copper, total					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		<0.002	U	NA		NA		<0.01	U	NA		NA		<0.01	U	NA		NA		<0.01	U
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		<0.002	U	NA		NA		0.03		NA		NA		<0.01	U	NA		NA		<0.01	U
	EVM Bat Cave Pond	MSP019	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		<0.002	U	NA		NA		0.03		NA		NA		<0.01	U	NA		NA		<0.01	U
		MSP019-R1	NA		NA		<0.002	U	NA		NA		0.03		NA		NA		<0.01	U	NA		NA		<0.01	U
		MSP019-R2	NA		NA		<0.002	U	NA		NA		0.03		NA		NA		<0.01	U	NA		NA		<0.01	U
		MSP019-R3	NA		NA		<0.002	U	NA		NA		0.03		NA		NA		<0.01	U	NA		NA		<0.01	U
	EVM West Pond	MSP020	NA		NA		<0.002	U	NA		NA		0.06		NA		NA		<0.01	U	NA		NA		<0.01	U
	EVM Stock Pond	MSP021	NA		NA		<0.002	U	NA		NA		0.08		NA		NA		<0.01	U	NA		NA		<0.01	U
		MSP021-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		<0.002	U	NA		NA		0.4		NA		NA		<0.01	U	NA		NA		<0.01	U
	EVM Haul Road Pond	MSP023	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NS		NS		NS		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		NS		Dry		Dry		NA		NS		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		NS		Dry		Dry		NA		NS		Dry		NA		Dry		Dry	

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Calcium						Chloride						Gross Alpha						Gross Beta					
			2006		2007				2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		210		3.4		5		4.2		NA		NA		5.1	J	NA		NA		7.4	UJ
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		440		2.4		3		30		NA		NA		4	UJ	NA		NA		9.9	UJ
	EVM Bat Cave Pond	MSP019	NA		NA		NA		1.1		3.4		NS		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		150		NA		NA		5.1		NA		NA		3	J	NA		NA		11	J
		MSP019-R1	NA		NA		150		NA		NA		5.1		NA		NA		3.3	J	NA		NA		11	J
		MSP019-R2	NA		NA		150		NA		NA		5.1		NA		NA		1.7	UJ	NA		NA		9.8	J
		MSP019-R3	NA		NA		150		NA		NA		5.1		NA		NA		4	J	NA		NA		11	J
	EVM West Pond	MSP020	NA		NA		150		17.7		8		23		NA		NA		11	J	NA		NA		13	
	EVM Stock Pond	MSP021	NA		NA		270		NA		NA		82		NA		NA		-1.2	UJ	NA		NA		3.9	UJ
		MSP021-Avg	NA		NA		NA		34		54.6		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		34		54.7		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		34		54.6		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		34		54.5		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		220		75.8		111		300		NA		NA		10	UJ	NA		NA		15	J
	EVM Haul Road Pond	MSP023	NA		NS		NS		16.7		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		57.8		146		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		4.1		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		4.1		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		4.1		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		4.1		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		4.3		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		3.9		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		<0.5	U	1.3		Dry		NA		NA		NS		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		1.5		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		3.2		0.7		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NA		NA		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NS		NS		NA		NA		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NS		NS		NA		NA		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NS		NS		NA		NA		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		1		1		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		<0.5	U	Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		0.8		1		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		2.1		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Iron						Lead						Magnesium					
			2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		0.03		NA		NA		<0.0001	U	NA		NA		83	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		0.060		NA		NA		<0.0001	U	NA		NA		150	
	EVM Bat Cave Pond	MSP019	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		0.14		NA		NA		<0.0001	U	NA		NA		53	
		MSP019-R1	NA		NA		0.14		NA		NA		<0.0001	U	NA		NA		52	
		MSP019-R2	NA		NA		0.14		NA		NA		<0.0001	U	NA		NA		52	
		MSP019-R3	NA		NA		0.15		NA		NA		<0.0001	U	NA		NA		54	
	EVM West Pond	MSP020	NA		NA		0.60		NA		NA		<0.0001	U	NA		NA		34	
	EVM Stock Pond	MSP021	NA		NA		0.080		NA		NA		<0.0001	U	NA		NA		82	
		MSP021-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		0.030	U	NA		NA		<0.0001	U	NA		NA		49	
	EVM Haul Road Pond	MSP023	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Manganese						Mercury, Total						Molybdenum					
			2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		0.063		NA		NA		<0.0002	U	NA		NA		0.003	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		0.63		NA		NA		<0.0002	U	NA		NA		0.01	
	EVM Bat Cave Pond	MSP019	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		0.39		NA		NA		<0.0002	U	NA		NA		0.0084	
		MSP019-R1	NA		NA		0.40		NA		NA		<0.0002	U	NA		NA		0.0075	
		MSP019-R2	NA		NA		0.39		NA		NA		<0.0002	U	NA		NA		0.01	
		MSP019-R3	NA		NA		0.37		NA		NA		<0.0002	U	NA		NA		0.0077	
	EVM West Pond	MSP020	NA		NA		0.021		NA		NA		<0.0002	U	NA		NA		0.02	
	EVM Stock Pond	MSP021	NA		NA		0.31		NA		NA		<0.0002	U	NA		NA		0.005	
		MSP021-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		0.010		NA		NA		<0.0002	U	NA		NA		0.02	
	EVM Haul Road Pond	MSP023	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		NA		NA		Dry		NA		NA		NS	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		NA		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		NA		Dry		Dry		NA		Dry		Dry	

Table 7
Ponds - Unfiltered Results - Screening Analytes (mg/L)†

Station			Potassium						Residue, Non-Filterable (TSS)						Silver					
			2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		0.70		14		NA		<5	U	NA		NA		<0.01	U
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Pond	MSP018	NA		NA		2.1		8.0		NA		<5	U	NA		NA		<0.01	U
	EVM Bat Cave Pond	MSP019	NA		NA		NA		12		NA		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		5.8		NA		NA		6		NA		NA		<0.01	U
		MSP019-R1	NA		NA		5.8		NA		NA		<5	U	NA		NA		<0.01	U
		MSP019-R2	NA		NA		5.8		NA		NA		6	J	NA		NA		<0.01	U
		MSP019-R3	NA		NA		5.9		NA		NA		6		NA		NA		<0.01	U
	EVM West Pond	MSP020	NA		NA		5.5		10.0		NA		14		NA		NA		<0.01	U
	EVM Stock Pond	MSP021	NA		NA		2.3		NA		NA		<5	U	NA		NA		<0.01	U
		MSP021-Avg	NA		NA		NA		12		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		<5	U	NA		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		12		NA		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		12		NA		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		11		20		NA		<5	U	NA		NA		<0.01	U
	EVM Haul Road Pond	MSP023	NA		NS		NS		30		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		6		NA		NS		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		8.7		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		10		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		10		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		6		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		8		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		10		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		<5		NA		NS		NA		NA		NS	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		6		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		<5.0	U	NA		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP011-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		<5.0	U	NA		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		20		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		88		NA		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		6		Dry		Dry		NA		Dry		Dry	

Table 7 (continued)
Ponds- Unfiltered Results-Screening Analytes (mg/L)†

Station			Sodium						Sulfate						Thallium					
			2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		8.8		222		605		850		NA		NA		0.0004	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Ponc	MSP018	NA		NA		18		1340		1390		1600		NA		NA		<0.0001	U
	EVM Bat Cave Pond	MSP019	NA		NA		NA		101		321		NS		NA		NA		NA	
		MSP019-Avg	NA		NA		7.6		NA		NA		470		NA		NA		<0.0001	U
		MSP019-R1	NA		NA		7.6		NA		NA		490		NA		NA		<0.0001	U
		MSP019-R2	NA		NA		7.5		NA		NA		470		NA		NA		<0.0001	U
		MSP019-R3	NA		NA		7.6		NA		NA		460		NA		NA		<0.0001	U
	EVM West Pond	MSP020	NA		NA		8.8		194		143		420		NA		NA		0.0002	
	EVM Stock Pond	MSP021	NA		NA		11		NA		NA		760		NA		NA		<0.0001	U
		MSP021-Avg	NA		NA		NA		440		546		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		444		542		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		436		544		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		441		553		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		11		88		153		280		NA		NA		0.0004	
	EVM Haul Road Pond	MSP023	NA		NS		NS		75		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		18		39		Dry		NA		NA		Dry	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		240		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		237		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		240		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		244		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		392		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		333		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		277		750		Dry		NA		NA		NS	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		292		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		40		8		Dry		NA		NA		NS	
		MSP011-Avg	NA		NS		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R1	NA		NS		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R2	NA		NS		NS		NA		NA		NS		NA		NA		NS	
		MSP011-R3	NA		NS		NS		NA		NA		NS		NA		NA		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		11		33		Dry		NA		NA		NS	
	BM Northeast Pond	MSP013	NA		Dry		Dry		46		Dry		Dry		NA		Dry		NS	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		3		6		Dry		NA		NA		NS	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		1		Dry		Dry		NA		Dry		NS	

Table 7 (continued)
Ponds- Unfiltered Results-Screening Analytes (mg/L)†

Station			Nitrate/Nitrite as N						Total Alkalinity						Uranium, Total					
			2006		2007				2006		2007				2006		2007			
Mine	Name	ID	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag	Spring	Flag	Spring	Flag	Fall	Flag
Enoch Valley Mine	EVM South Pond	MSP017	NA		NA		-0.0002		120		120		90		NA		NA		0.0071	
		MSP017-Avg	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R1	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
		MSP017-R3	NA		NA		NA		NA		NA		NA		NA		NA		NA	
	EVM Keyhole Ponc	MSP018	NA		NA		0.0047		100		140		130		NA		NA		0.011	
	EVM Bat Cave Pond	MSP019	NA		NA		NA		130		60		NA		NA		NA		NA	
		MSP019-Avg	NA		NA		0.0055		NA		NA		130		NA		NA		0.0045	
		MSP019-R1	NA		NA		0.006		NA		NA		130		NA		NA		0.0044	
		MSP019-R2	NA		NA		0.0051		NA		NA		130		NA		NA		0.0046	
		MSP019-R3	NA		NA		0.0055		NA		NA		130		NA		NA		0.0045	
	EVM West Pond	MSP020	NA		NA		0.008		110		30		89		NA		NA		0.015	
	EVM Stock Pond	MSP021	NA		NA		0.0055		NA		130		150		NA		NA		0.0032	
		MSP021-Avg	NA		NA		NA		120		NA		NA		NA		NA		NA	
		MSP021-R1	NA		NA		NA		120		130		NA		NA		NA		NA	
		MSP021-R2	NA		NA		NA		120		130		NA		NA		NA		NA	
		MSP021-R3	NA		NA		NA		110		130		NA		NA		NA		NA	
	EVM Tipple Pond	MSP022	NA		NA		0.08		84		120		54		NA		NA		0.0086	
	EVM Haul Road Pond	MSP023	NA		NS		NS		130		NS		NS		NA		NS		NS	
	EVM Shop Pond	MSP031	NA		NA		Dry		110		100		Dry		NA		NA		NS	
Henry Mine	HM Henry Pond	MSP014	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP014-Avg	NA		NS		NS		190		NS		NS		NA		NS		NS	
		MSP014-R1	NA		NS		NS		170		NS		NS		NA		NS		NS	
		MSP014-R2	NA		NS		NS		200		NS		NS		NA		NS		NS	
		MSP014-R3	NA		NS		NS		200		NS		NS		NA		NS		NS	
	HM Smith Pond	MSP015	NA		NS		NS		230		NS		NS		NA		NS		NS	
		MSP015-Avg	NA		NS		NS		NS		NS		NS		NA		NS		NS	
		MSP015-R1	NA		NS		NS		NS		NS		NS		NA		NS		NS	
		MSP015-R2	NA		NS		NS		NS		NS		NS		NA		NS		NS	
		MSP015-R3	NA		NS		NS		NS		NS		NS		NA		NS		NS	
	HM Center Henry Pond	MSP016	NA		NS		NS		190		NS		NS		NA		NS		NS	
		MSP016-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP016-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	HM South Pit Pond	MSP055	NA		NA		Dry		120		130		Dry		NA		NA		NS	
Ballard Mine	BM Dredge Pond	MSP010	NA		NS		NS		240		NS		NS		NA		NS		NS	
		MSP010-Avg	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R1	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R2	NA		NS		NS		NA		NS		NS		NA		NS		NS	
		MSP010-R3	NA		NS		NS		NA		NS		NS		NA		NS		NS	
	BM Upper Elk Pond	MSP011	NA		NA		Dry		140		120		Dry		NA		NA		Dry	
		MSP011-Avg	NA		NS		NS		NA		NA		NA		NA		NA		NS	
		MSP011-R1	NA		NS		NS		NA		NA		NA		NA		NA		NS	
		MSP011-R2	NA		NS		NS		NA		NA		NA		NA		NA		NS	
		MSP011-R3	NA		NS		NS		NA		NA		NA		NA		NA		NS	
	BM Lower Elk Pond	MSP012	NA		NA		Dry		150		110		Dry		NA		NA		Dry	
	BM Northeast Pond	MSP013	NA		Dry		Dry		81		Dry		Dry		NA		Dry		Dry	
	BM Pit #4 Stock Pond	MSP059	NA		NA		Dry		96		67		Dry		NA		NA		Dry	
	BM Pit #6 Pond	MSP062	NA		Dry		Dry		180		Dry		Dry		NA		Dry		Dry	

Notes:
† All data has been censored at the reporting limit.
Laboratory and field replicates are shown as unaveraged as well as averaged where appropriate. Results have been averaged using a Minimum Variance Unbiased Estimator method assuming a lognormal distribution of the data. Data validation was performed in accordance with MWH SOP-NW-18.1 and USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses (EPA, 2004).
Flag refers to the USEPA data qualifier (flag) assigned to the data resulting from the data validation procedure. More than one flag may be assigned during the data validation process.
Data qualifier definitions are:
(U) - The material was analyzed for, but was not detected above the level of the associated value. The associated value is the sample reporting limit.
(J) - The result is an estimated quantity.
(R) - The data are unusable.
(UJ) - The material was analyzed for, but was not detected above the level of the associated value. The result is an estimate and may be inaccurate or imprecise.
RL - Reporting Limit. RLs may be elevated on a sample-specific basis due to dilution, contamination, or other analytical issues.
NS - Not Sampled. The station was not sampled during the specified event.
NA - Not Analyzed. The station was sampled during the specified event; however, the sample was not analyzed for the specified analyte.