

Endeavor Mine – Quarterly Groundwater Monitoring Results

	Environmental Protection Licence Monitoring Point												
	9	10	11*	12	13	14	15*	16	17	25*	18	19	20
Sample Date	3/10/17				5/10/17	27/09/17	3/10/2017		5/10/17		27/09/2017		5/10/17
Standing Water Level (mBTOC)	2.85	3.77	3.89	3.19	5.88	2.27	11.83	5.56	12.14	4.95	9.17	3.97	3.06
pH	7.26	7.34		6.4	7.67	7.69		7.46	7.49		7.69	7.59	6.98
Electrical Conductivity (µS/cm)	15400	19600		15700	23800	17100		17900	24500		17100	23400	20900
Total Dissolved Solids (mg/L)	9800	10000		15300	18800	15100		17000	18800		15100	23000	16000
Sulfate (mg/L)	4260	4390		7090	3810	6290		8800	3890		6290	8700	3400
Chloride (mg/L)	3200	4810		2540	6710	1950		2840	6950		1950	3550	6150
Calcium (mg/L)	648	567		587	782	517		559	612		517	547	809
Magnesium (mg/L)	998	1040		1170	773	1370		1340	1000		1370	1810	999
Sodium (mg/L)	1840	2480		2160	3370	1880		2320	4610		1880	3090	3780
Potassium (mg/L)	119	129		94	168	154		176	252		154	174	112
Arsenic (mg/L)	0.074	0.055		2.55	0.006	0.009		0.007	0.006		0.009	0.004	<0.001
Cadmium (mg/L)	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	0.0001
Copper (mg/L)	<0.001	0.002		<0.001	0.003	0.004		0.004	0.001		0.004	0.002	<0.001
Iron (mg/L)	0.95	0.08		301	<0.05	<0.05		0.22	<0.05		<0.05	<0.05	<0.05
Lead (mg/L)	<0.001	0.003		<0.001	0.002	0.002		<0.001	<0.001		0.002	0.006	0.715
Manganese (mg/L)	9.01	4.31		7.65	0.84	0.556		3.25	0.116		0.556	0.013	29.4
Mercury (mg/L)	<0.0001	<0.0001		0.0001	<0.0001	0.0005		<0.0001	<0.0001		0.0005	0.0002	<0.0001
Zinc (mg/L)	0.01	0.024		0.033	0.048	0.02		0.016	0.01		0.02	0.033	0.242
Total Cyanide (mg/L)	<0.005	<0.005		0.008	<0.005	<0.004		<0.005	<0.005		<0.004	<0.004	<0.005

All samples are analysed by a NATA accredited laboratory

*not enough water to sample