

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	2/1/18			21/12/17	2/1/18	21/12/17			2/1/18		21/12/17		2/1/18
Standing Water Level (mBTOC)	2.63	3.49	3.22	3.15									
pH	6.96	6.97		6.19	7.17	7.39	7.72	7.56	7.17		7.52	7.56	6.56
Electrical Conductivity (µS/cm)	15900	16500		16400	27900	18800	27100	18900	25600		16900	23100	20900
Total Dissolved Solids (mg/L)	14500	15300		15500	23600	15100	21500	17100	21100		15900	21600	17400
Sulfate (mg/L)	5230	5690		8590	4770	8650	7950	8460	4650		8190	10400	4290
Chloride (mg/L)	2990	3120		2490	7760	3200	5990	3080	7080		2840	4390	5970
Calcium (mg/L)	685	666		518	668	512	308	670	744		501	525	847
Magnesium (mg/L)	1030	1400		1270	904	1250	662	1340	913		1460	1660	716
Sodium (mg/L)	1750	1930		2080	4680	2300	5000	2860	4140		1690	3050	2920
Potassium (mg/L)	112	107		93	195	232	198	210	253		137	166	101
Arsenic (mg/L)	0.11	0.078		1.9	0.003	0.024	0.018	0.009	0.009		0.008	0.004	0.002
Cadmium (mg/L)	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	0.0045	<0.0001	0.0001		<0.0001	<0.0001	<0.0001
Copper (mg/L)	<0.001	0.001		<0.001	0.002	0.002	0.02	0.008	0.002		<0.001	0.002	<0.001
Iron (mg/L)	3.01	<0.05		501	<0.05	0.23	<0.05	<0.05	<0.05		<0.05	<0.05	27.5
Lead (mg/L)	<0.001	<0.001		<0.001	<0.001	0.066	0.115	0.005	<0.001		<0.001	0.005	<0.001
Manganese (mg/L)	10.4	5.66		13.4	4.3	4.54	0.048	2.56	0.509		0.293	0.01	33.6
Mercury (mg/L)	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	0.0025	<0.0001
Zinc (mg/L)	0.014	0.007		0.228	0.037	0.076	1.55	0.058	0.052		0.016	0.031	0.519
Total Cyanide (mg/L)	<0.004	<0.004		0.062	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004

All samples are analysed by a NATA accredited laboratory

*not enough water to sample

Date sample results received - 11/1/18 and 13/1/18

Date results published online - 19/1/18