

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	3/7/16	3/7/16	3/7/16	3/7/16	3/7/16	3/7/16	3/7/16	3/7/16	3/7/16	4/7/16	3/7/16	3/7/16	3/7/16
Standing Water Level (mBTOC)	2.41	3.41	3.645	2.81	5.17	2.98	11.81	5.5	11.99	2.11	5.28	8.66	3.38
pH	6.78	6.8		6.43	7.14	7.17		7.2	7.1		7.37	7.08	6.35
Electrical Conductivity (µS/cm)	15000	15500		13500	29900	17900		18500	27400		17200	22600	19200
Total Dissolved Solids (mg/L)	13700	14100		12000	23400	15900		17700	20700		17900	21200	12700
Sulfate (mg/L)	6590	6240		6050	5860	5940		8330	4830		9480	9620	4170
Chloride (mg/L)	2970	2930		2530	8550	3020		3360	7880		2340	4360	5250
Calcium (mg/L)	820	742		725	718	632		781	736		653	696	954
Magnesium (mg/L)	1110	1140		664	890	972		1160	807		1450	1420	615
Sodium (mg/L)	1600	1640		1620	4930	2650		2500	4430		1960	3270	2460
Potassium (mg/L)	110	107		82	209	220		185	243		157	159	101
Arsenic (mg/L)	0.105	0.051		2.32	<0.010	0.008		0.016	0.007		0.01	0.003	0.003
Cadmium (mg/L)	<0.0001	<0.0001		<0.0001	<0.0010	<0.0001		<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
Copper (mg/L)	<0.001	0.001		<0.001	<0.010	0.007		0.003	0.002		0.007	0.002	<0.001
Iron (mg/L)	3.88	<0.05		140	<0.50	0.07		0.06	0.06		0.06	<0.05	28.4
Lead (mg/L)	<0.001	<0.001		<0.001	<0.010	0.007		<0.001	<0.001		<0.001	0.002	<0.001
Manganese (mg/L)	13.6	6.08		3.86	0.137	2.45		1.66	0.336		1.22	0.009	33.5
Mercury (mg/L)	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001		<0.0001	<0.0001		<0.0001	0.0024	<0.0001
Zinc (mg/L)	<0.005	<0.005		0.015	<0.050	0.018		<0.005	0.024		0.019	0.01	0.432
Total Cyanide (mg/L)	<0.004	<0.004		0.237	<0.004	<0.004		<0.004	<0.004		<0.004	<0.004	<0.004

*not enough water to obtain a sample

All samples are analysed by a NATA accredited laboratory