

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	27/6/17	27/6/17	27/6/17	27/6/17	27/6/17	26/6/17	26/6/17	26/6/17	26/6/17	26/6/17	26/6/17	27/6/17	27/6/17
Standing Water Level (mBTC)	2.98	3.98	4.1	2.84	5.62	3.51	5.4	11.09	3.1	5.61	7.39	3.92	2.98
pH	6.13	6.36	6.21	6.3	6.79	6.84	6.96	6.89	6.28	6.79	6.88	6.24	6.13
Electrical Conductivity (µS/cm)	14900	27200	30200	14600	23000	17700	18000	24000	27600	16300	22100	19500	14900
Total Dissolved Solids (mg/L)	13600	19900	22600	13300	17300	16300	17000	18600	23100	16400	21900	15000	13600
Sulfate (mg/L)	4310	3570	6710	6380	3990	7440	7870	3960	6350	7920	7700	3400	4310
Chloride (mg/L)	3020	7820	8390	2450	6370	3090	2960	6760	7820	2500	4100	5560	3020
Calcium (mg/L)	628	271	897	590	760	502	520	549	825	485	532	746	628
Magnesium (mg/L)	926	725	1600	804	869	1150	1200	791	1420	1400	1700	741	926
Sodium (mg/L)	1740	5110	4260	1570	3410	2340	2350	3790	3920	1800	3020	2710	1740
Potassium (mg/L)	132	200	200	123	159	243	199	255	201	163	183	92	132
Arsenic (mg/L)	0.054	0.002	0.005	0.036	0.004	0.008	0.005	0.006	0.173	0.006	0.003	<0.001	0.054
Cadmium (mg/L)	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Copper (mg/L)	0.028	<0.001	<0.001	<0.001	0.003	0.004	0.001	0.001	<0.001	0.002	0.001	<0.001	0.028
Iron (mg/L)	2.84	<0.05	2.96	2.57	<0.05	0.11	<0.05	<0.05	12.6	0.12	<0.05	18	2.84
Lead (mg/L)	0.002	<0.001	<0.001	<0.001	<0.001	0.02	0.004	<0.001	0.006	0.004	0.006	0.003	0.002
Manganese (mg/L)	12.7	0.359	6.7	45.4	0.046	4.14	2.85	0.019	21.9	4.27	0.016	31.1	12.7
Mercury (mg/L)	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0013	<0.0001	<0.0001
Zinc (mg/L)	0.006	0.014	<0.005	<0.005	0.017	0.024	0.007	0.011	0.067	0.053	0.044	0.279	0.006
Total Cyanide (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<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