

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	31/3/2017												
Standing Water Level (mBTC)	2.98	3.87	3.71	2.8	5.61	3.22	9.27	5.27	10.87	3.03	5.36	7.15	3.76
pH	6.91	7.01	6.88	6.8	7.4	7.39	7.57	7.4	7.25	6.87	7.36	7.77	6.8
Electrical Conductivity (µS/cm)	15700	30900	33000	14400	25800	19500	28600	21600	27300	29600	17900	25800	20800
Total Dissolved Solids (mg/L)	14200	26600	31400	10300	18500	14900	21800	19200	19700	23300	17400	21800	15200
Sulfate (mg/L)	4940	4000	6640	4830	4520	5270	5260	7920	4460	5310	5280	7070	3450
Chloride (mg/L)	2890	8110	8130	2420	6140	3090	5750	3500	6640	7400	2530	4970	5190
Calcium (mg/L)	671	294	925	623	785	550	306	559	619	952	466	500	796
Magnesium (mg/L)	1010	770	1660	806	845	1200	546	1270	876	1300	1090	1450	596
Sodium (mg/L)	1660	5290	4620	1760	3660	2530	4550	2930	4100	3980	1520	3650	2550
Potassium (mg/L)	120	183	190	104	158	239	186	201	237	178	118	162	95
Arsenic (mg/L)	0.024	0.003	0.001	<0.001	0.004	0.007	0.012	0.006	0.005	<0.001	0.006	0.003	<0.001
Cadmium (mg/L)	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0051	<0.0001	<0.0001	<0.0001	<0.0001	0.0004	<0.0001
Copper (mg/L)	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.035	0.001	<0.001	0.001	<0.001	0.005	<0.001
Iron (mg/L)	2.97	<0.05	2.9	48.8	<0.05	<0.05	<0.05	<0.05	<0.10	0.76	<0.05	<0.05	12.6
Lead (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.197	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Manganese (mg/L)	10.8	0.442	5.79	34.6	0.2	4.59	0.037	1.08	0.274	20.3	3.4	0.028	25.4
Mercury (mg/L)	<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	0.0001	<0.0001
Zinc (mg/L)	<0.005	<0.005	<0.005	0.011	0.019	0.008	1.68	<0.005	0.011	0.006	0.005	0.08	0.283
Total Cyanide (mg/L)	<0.004	<0.004	<0.004	0.033	<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