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 CMOC Mining Pty Ltd
 SC Mineral Resources Pty Ltd

EPL No.: 4784

	Q1	Q2	Q3	Q4
Sampled:	18/03/2020	10/06/2020	21/09/2020	20/12/2020
Obtained:	30/03/2020	23/06/2020	7/10/2020	6/01/2021
Published:	9/04/2020	2/07/2020	20/10/2020	18/01/2021

EPA Identification no.	Minimum Frequency	Pollutant	Unit	Sample Result			
				Q1	Q2	Q3	Q4
1 (W14)	Yearly	Aluminum	mg/L	0.01	0.01	0.01	0.02
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.012	0.01	0.009	0.012
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	418	464	487	524
	Yearly	Cadmium	mg/L	0.0001	0.0001	0.0002	0.0001
	Yearly	Calcium	mg/L	169	155	153	153
	Yearly	Chloride	mg/L	1590	1840	1820	1740
	Yearly	Chromium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Cobalt	mg/L	0.001	0.001	0.001	0.001
	Quarterly	Conductivity	µS/cm	7791.9	7352.2	7577	4989.3
	Quarterly	Copper	mg/L	0.005	0.004	0.01	0.015
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.002
	Yearly	Magnesium	mg/L	240	231	225	208
	Yearly	Molybdenum	mg/L	0.012	0.011	0.013	0.013
	Yearly	Nickel	mg/L	0.001	0.001	0.002	0.001
	Quarterly	pH	pH	7.34	7.56	7.36	7.36
	Yearly	Potassium	mg/L	3	3	4	4
	Yearly	Selenium	mg/L	0.01	0.01	0.01	0.01
	Yearly	Sodium	mg/L	1320	1280	1280	1250
Quarterly	Standing Water Level	m	265.04	265.43	265.87	266.10	
Yearly	Sulfate	mg/L	1290	1220	863	1230	
Yearly	Total dissolved solids	mg/L	5670	4440	5210	5540	
Yearly	Zinc	mg/L	0.021	0.018	0.014	0.026	

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				Q1	Q2	Q3	Q4
2 (W19)	Yearly	Aluminum	mg/L	0.01	0.03	0.01	0.01
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.127	0.127	0.122	0.12
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	201	235	240	267
	Yearly	Cadmium	mg/L	0.0001	0.0001	0.0001	0.0001
	Yearly	Calcium	mg/L	458	426	433	424
	Yearly	Chloride	mg/L	1540	1690	1880	1860
	Yearly	Chromium	mg/L	0.004	0.004	0.004	0.004
	Yearly	Cobalt	mg/L	0.001	0.001	0.001	0.001
	Quarterly	Conductivity	µS/cm	5913.8	5998.9	6151	4223.6
	Quarterly	Copper	mg/L	0.018	0.011	0.013	0.013
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.001
	Yearly	Magnesium	mg/L	115	114	114	108
	Yearly	Molybdenum	mg/L	0.006	0.005	0.006	0.006
	Yearly	Nickel	mg/L	0.001	0.001	0.001	0.001
	Quarterly	pH	pH	8.13	7.95	7.57	7.33
	Yearly	Potassium	mg/L	8	8	10	9
	Yearly	Selenium	mg/L	0.01	0.01	0.01	0.01
	Yearly	Sodium	mg/L	740	727	760	732
Quarterly	Standing Water Level	m	247.86	248.57	249.03	249.32	
Yearly	Sulfate	mg/L	562	530	476	466	
Yearly	Total dissolved solids	mg/L	5330	4340	4410	5090	
Yearly	Zinc	mg/L	0.047	0.088	0.045	0.046	

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				Q1	Q2	Q3	Q4
3 (W21)	Yearly	Aluminum	mg/L	0.03	0.02	0.01	0.03
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.097	0.088	0.092	0.088
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	6	10	16	15
	Yearly	Cadmium	mg/L	0.0001	0.0001	0.0001	0.0001
	Yearly	Calcium	mg/L	976	965	968	1140
	Yearly	Chloride	mg/L	4990	5060	5250	5460
	Yearly	Chromium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Cobalt	mg/L	0.001	0.001	0.002	0.002
	Quarterly	Conductivity	µS/cm	13787	13613	14251	11583
	Quarterly	Copper	mg/L	0.015	0.003	0.005	0.009
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.001
	Yearly	Magnesium	mg/L	5	7	7	28
	Yearly	Molybdenum	mg/L	0.024	0.025	0.03	0.03
	Yearly	Nickel	mg/L	0.001	0.001	0.005	0.001
	Quarterly	pH	pH	10.9	9.81	7.85	10.04
	Yearly	Potassium	mg/L	33	33	33	40
	Yearly	Selenium	mg/L	0.01	0.01	0.01	0.01
	Yearly	Sodium	mg/L	2180	2210	2170	2630
	Quarterly	Standing Water Level	m	268.47	268.57	268.52	268.45
Yearly	Sulfate	mg/L	871	945	713	828	
Yearly	Total dissolved solids	mg/L	12000	10600	10300	14200	
Yearly	Zinc	mg/L	0.015	0.018	0.014	0.013	

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4 (W23)	Yearly	Aluminum	mg/L	0.01	0.01	0.01	0.01
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.034	0.031	0.03	0.03
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	420	424	453	475
	Yearly	Cadmium	mg/L	0.0002	0.0004	0.0004	0.0003
	Yearly	Calcium	mg/L	493	470	459	442
	Yearly	Chloride	mg/L	6480	6710	6170	5860
	Yearly	Chromium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Cobalt	mg/L	0.34	0.181	0.29	0.243
	Quarterly	Conductivity	µS/cm	18035	18250	18479	12175
	Quarterly	Copper	mg/L	0.014	0.013	0.012	0.016
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.002
	Yearly	Magnesium	mg/L	751	734	732	660
	Yearly	Molybdenum	mg/L	0.005	0.005	0.006	0.005
	Yearly	Nickel	mg/L	0.001	0.001	0.002	0.001
	Quarterly	pH	pH	6.94	6.86	6.93	7.1
	Yearly	Potassium	mg/L	7	7	8	8
	Yearly	Selenium	mg/L	0.01	0.02	0.02	0.02
	Yearly	Sodium	mg/L	2940	2910	2950	2740
	Quarterly	Standing Water Level	m	259.78	260.04	260.34	260.68
Yearly	Sulfate	mg/L	2080	1960	1950	1840	
Yearly	Total dissolved solids	mg/L	15400	14600	14400	14400	
Yearly	Zinc	mg/L	0.062	0.048	0.027	0.046	

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5 (W25)	Yearly	Aluminum	mg/L	0.03	0.01	0.01	0.01
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.016	0.014	0.009	0.01
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	196	217	226	246
	Yearly	Cadmium	mg/L	0.0001	0.0001	0.0001	0.0001
	Yearly	Calcium	mg/L	102	130	134	139
	Yearly	Chloride	mg/L	69	79	52	56
	Yearly	Chromium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Cobalt	mg/L	0.001	0.002	0.001	0.001
	Quarterly	Conductivity	µS/cm	1701.5	1816.7	1841.3	1411.6
	Quarterly	Copper	mg/L	0.014	0.013	0.011	0.015
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.001
	Yearly	Magnesium	mg/L	77	98	101	101
	Yearly	Molybdenum	mg/L	0.001	0.001	0.001	0.001
	Yearly	Nickel	mg/L	0.001	0.001	0.001	0.001
	Quarterly	pH	pH	8.26	7.9	8.21	7.67
	Yearly	Potassium	mg/L	3	4	4	4
	Yearly	Selenium	mg/L	0.02	0.02	0.02	0.02
	Yearly	Sodium	mg/L	176	202	201	200
Quarterly	Standing Water Level	m	282.20	283.81	284.08	284.02	
Yearly	Sulfate	mg/L	708	824	686	798	
Yearly	Total dissolved solids	mg/L	1450	1620	1600	1900	
Yearly	Zinc	mg/L	0.052	0.039	0.025	0.024	

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				Q1	Q2	Q3	Q4
6 (W20)	Yearly	Aluminum	mg/L	0.04	0.04	0.01	0.01
	Yearly	Arsenic	mg/L	0.001	0.001	0.001	0.001
	Yearly	Barium	mg/L	0.01	0.011	0.008	0.008
	Yearly	Beryllium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Bicarbonate	mg/L	493	538	530	597
	Yearly	Cadmium	mg/L	0.0004	0.0004	0.0004	0.0004
	Yearly	Calcium	mg/L	352	324	339	337
	Yearly	Chloride	mg/L	4380	4320	4530	4240
	Yearly	Chromium	mg/L	0.001	0.001	0.001	0.001
	Yearly	Cobalt	mg/L	0.002	0.002	0.004	0.003
	Quarterly	Conductivity	µS/cm	13505	13230	13788	9375.1
	Quarterly	Copper	mg/L	0.023	0.014	0.004	0.007
	Yearly	Lead	mg/L	0.001	0.001	0.001	0.001
	Yearly	Magnesium	mg/L	399	376	389	368
	Yearly	Molybdenum	mg/L	0.002	0.002	0.002	0.002
	Yearly	Nickel	mg/L	0.001	0.001	0.007	0.001
	Quarterly	pH	pH	7.03	7.42	7.05	6.88
	Yearly	Potassium	mg/L	8	8	8	9
	Yearly	Selenium	mg/L	0.01	0.01	0.01	0.01
	Yearly	Sodium	mg/L	2330	2190	2320	2210
Quarterly	Standing Water Level	m	266.39	266.54	266.83	266.75	
Yearly	Sulfate	mg/L	1610	1350	954	1430	
Yearly	Total dissolved solids	mg/L	10100	9510	9740	9940	
Yearly	Zinc	mg/L	0.063	0.069	0.02	0.032	