



Table 1 - Groundwater Analytical Results Table

	pH (Lab)	Metals							Alkalinity		Major Ions					Nutrients					
		Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Calcium	Chloride	Magnesium	Potassium	Sodium	Ammonia as N	Nitrate (as N)	Nitrite (as N)	Sulphate as S	
	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
EQL	0.1	0.001	0.0002	0.001	0.001	0.001	0.0001	0.001	0.001	20	10	0.5	1	0.5	0.5	0.01	0.02	0.02	5		
NEPM 2013 Table 1C GILs, Fresh Waters																					
Well ID	Date Sampled	5.1	<0.01	0.29	<0.05	0.065	5.7	<0.001	2.3	1900	56	<10	1700	27,000	1400	78	7700	140	<0.02	0.14	280
GG1	1/12/2014	5.1	<0.01	0.29	<0.05	0.065	5.7	<0.001	2.3	1900	56	<10	1700	27,000	1400	78	7700	140	<0.02	0.14	280
	15/01/2015	5.6	<0.001	0.29	<0.001	0.023	0.99	<0.0001	1.4	1600	89	<10	1300	17,000	1500	73	6900	250	9	0.23	200
	12/02/2015	4.3	<0.01	0.32	<0.01	<0.01	3.7	<0.0001	1.4	1800	<20	<10	900	29,000	750	52	3100	180	0.05	<0.02	270
GG10	1/12/2014	3.2	0.014	0.29	<0.05	1.4	30	<0.001	4.4	5400	<20	<10	1800	52,000	870	80	4000	120	<0.02	<0.02	150
	15/01/2015	2.8	<0.05	0.74	<0.05	4.8	22	<0.0001	10	13,000	<20	<10	6200	83,000	5100	130	21,000	230	<0.02	0.06	59
	12/02/2015	2.8	<0.1	2.1	<0.1	3.8	20	<0.0001	11	5300	<20	<10	1700	56,000	990	78	3900	130	<0.02	<0.02	130
GG2	1/12/2014	3.3	<0.01	0.0097	<0.01	0.052	7.7	<0.001	0.73	1300	<20	<10	380	8500	180	43	1100	560	9.9	0.04	250
	15/01/2015	3.4	<0.1	0.5	<0.1	2.4	18	<0.0001	6.4	4300	<20	<10	1600	31,000	1800	69	10,000	250	0.23	0.05	340
	12/02/2015	2.9	<0.1	2.1	<0.1	2.8	17	<0.0001	6.3	2600	<20	<10	900	40,000	740	53	3100	430	<0.02	<0.02	210
GG5	1/12/2014	1.6	<0.05	1.2	11	21	48	0.0097	11	11,000	<20	<10	2800	93,000	700	57	4900	720	<4	<4	130
	15/01/2015	1.6	<0.05	1.2	13	20	59	0.0029	12	13,000	<20	<10	5600	100,000	1100	66	25,000	780	<1	<1	150
	12/02/2015	1.6	<0.1	5.3	16	24	76	0.0039	16	14,000	<20	<10	2800	83,000	590	48	4400	830	<1	2.4	63
GG7	1/12/2014	6.9	0.002	<0.0002	<0.001	0.003	0.003	<0.0001	0.007	0.011	600	<10	110	8100	590	20	3800	0.15	<0.02	<0.02	330
	15/01/2015	6.8	0.002	<0.0002	<0.001	0.003	<0.001	<0.0001	0.004	0.028	520	<10	80	7200	570	16	3600	0.05	0.02	<0.02	340
	12/02/2015	7.3	0.058	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	<0.01	520	<10	93	6900	620	20	4700	0.12	0.05	<0.02	310
GG8	1/12/2014	7.6	0.001	<0.0002	<0.001	<0.001	0.001	<0.0001	0.003	0.006	900	<10	90	3500	250	13	2000	0.22	<0.02	<0.02	240
	15/01/2015	7.4	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.002	0.008	920	<10	120	3900	320	14	2500	0.08	<0.02	<0.02	300
	12/02/2015	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	<0.01	880	<10	120	3700	350	18	2800	0.27	0.03	<0.02	270
GG9	1/12/2014	6.6	<0.001	<0.0002	<0.001	<0.001	0.001	<0.0001	0.12	29	200	<10	61	2400	140	8.7	1500	4.5	<0.02	<0.02	87
	15/01/2015	6.6	<0.001	0.024	<0.001	<0.001	0.2	<0.0001	0.21	200	310	<10	280	4100	910	26	5200	3.9	0.04	<0.02	150
	12/02/2015	3.7	<0.01	0.34	<0.01	<0.01	3.2	<0.0001	1.5	2300	<20	<10	1700	38,000	1500	83	6600	140	<0.02	<0.02	280
MW119	1/12/2014	7.3	<0.001	0.0004	0.003	0.002	0.008	<0.0001	0.037	34	410	<10	17	2600	76	12	1700	0.85	0.26	<0.02	150
	15/01/2015	6.9	<0.001	0.0004	0.008	<0.001	0.017	<0.0001	0.069	52	350	<10	13	2600	78	11	1700	0.4	0.86	0.12	160
	12/02/2015	7.4	<0.01	<0.01	0.011	0.018	<0.01	<0.0001	0.051	43	300	<10	16	2500	93	14	2100	0.54	1.2	0.13	160
MW127	1/12/2014	7.1	<0.001	<0.0002	<0.001	0.002	<0.001	<0.0001	0.011	0.39	810	<10	7.7	3900	190	7.7	2700	<0.01	0.06	<0.02	260
	15/01/2015	7.2	<0.001	<0.0002	0.24	<0.001	<0.001	<0.0001	0.005	0.086	660	<10	7.8	2700	110	6.2	2000	0.01	2.3	<0.02	120
	12/02/2015	7.8	<0.01	<0.01	0.083	0.015	<0.01	<0.0001	<0.01	0.32	550	<10	6.2	2200	87	6.8	1700	0.03	1.3	<0.02	110
MW134D	1/12/2014	3.2	<0.01	0.66	<0.05	4.3	99	<0.001	5.7	10,000	<20	<10	3900	56,000	1300	200	8400	1300	2	<0.02	130
	15/01/2015	3.2	<0.05	0.88	<0.05	7.6	130	<0.0001	8.9	13,000	<20	<10	6700	63,000	2900	230	22,000	2300	4.3	<0.02	100
	12/02/2015	2.9	<0.1	1.7	<0.1	9	83	<0.0001	11	9100	<20	<10	3300	53,000	1200	170	5000	1600	1.8	0.04	120
MW134S	1/12/2014	7.1	<0.001	0.0008	<0.001	0.003	0.001	<0.0001	0.011	2.6	670	<10	74	3300	300	12	2000	0.18	1.1	<0.02	180
	15/01/2015	7.1	<0.001	0.0005	0.002	0.004	0.001	<0.0001	0.009	1.1	750	<10	57	3100	240	6.4	1500	0.04	0.97	<0.02	150
	12/02/2015	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	1.1	720	<10	71	3400	310	11	2100	0.03	0.89	<0.02	160
MW135	1/12/2014	6.7	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.008	1.9	340	<10	24	6600	400	13	3500	0.63	0.06	<0.02	300
	15/01/2015	6.7	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.008	0.3	340	<10	25	7000	410	14	3700	0.08	0.05	<0.02	290
	12/02/2015	7.2	0.03	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	0.16	310	<10	28	6600	470	18	4300	0.05	0.22	<0.02	250
WS-MW5	1/12/2014	5.8	<0.005	0.031	<0.005	<0.005	0.027	<0.0005	0.73	280	120	<10	470	14,000	910	33	4800	7.6	<0.02	<0.02	320
	15/01/2015	5.5	<0.02	0.064	<0.02	<0.02	<0.02	<0.002	1.4	620	77	<10	730	17,000	1500	38	6300	12	<0.02	<0.02	300
	12/02/2015	5.6	<0.01	0.091	<0.01	<0.01	<0.01	<0.0001	0.81	400	43	<10	710	14,000	1200	46	6500	4.1	<0.02	<0.02	250
WS-MW6	1/12/2014	7.3	<0.001	<0.0002	<0.001	0.002	<0.001	<0.0001	0.003	0.13	460	<10	61	4400	250	11	1900	0.14	0.5	<0.02	130
	15/01/2015	7.1	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.003	0.018	440	<10	76	4600	340	13	2600	0.1	0.14	<0.02	130
	12/02/2015	7.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	<0.01	430	<10	80	4600	390	18	3000	0.13	0.1	<0.02	130
WS-MW7	1/12/2014	7.5	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	<0.001	0.011	940	<10	110	6000	440	17	3200	0.65	<0.02	<0.02	250
	15/01/2015	7.3	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	<0.001	0.012	910	<10	120	6400	520	17	3400	0.7	<0.02	<0.02	240
	12/02/2015	7.9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	<0.01	890	<10	110	6200	460	21	3400	0.63	<0.02	<0.02	220
WS-MW8	1/12/2014	5.1	<0.005	0.25	<0.005	<0.005	0.37	<0.0005	2	1600	21	<10	1400	27,000	1700	63	8200	41	<0.02	<0.02	300
	15/01/2015	2.9	0.001	0.14	0.002	0.001	0.16	<0.0001	1.4	1500	<20	<10	1300	27,000	2700	51	9600	41	<0.02	<0.02	260
	12/02/2015	4.5	<0.01	0.29	<0.01	<0.01	<0.01	<0.0001	1.2	1500	<20	<10	1300	28,000	1700	66	8700	44	<0.02	<0.02	270
WS-MW9	1/12/2014	7.5	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.001	0.009	770	<10	110	7300	520	14	3900	0.54	<0.02	<0.02	270
	15/01/2015	7.4	<0.001	0.0002	<0.001	<0.001	<0.001	<0.0001	0.002	0.014	730	<10	110	8300	550	12	4000	0.57	<0.02	<0.02	260
	12/02/2015	8.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0001	<0.01	<0.01	720	<10	110	8100	520	19	4200	0.6	0.05	<0.02	240