

Matrix:	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG
Project name/number:	Sample Date:	24/04/2020	25/04/2020	25/04/2020	25/04/2020	27/04/2020	14/05/2020	27/04/2020	22/04/2020
Client sample ID (1st):	Hydro-Stratigraphic unit	C14033SP	C18001SP	C18002SP	C18003SP	C18004SP	C18005SP	C18006SP	C18009SP
Analyte grouping/Analyte	Unit	Clematis Sst	Clematis SS	Clematis SSt	Moolayember	Alluvium	Alluvium	Alluvium	Alluvium
pH Value	pH Unit	6.1	7.6	8.4	7.4	7.2	7.1	7.0	7.6
Electrical Conductivity @ 25°C	µS/cm	365	647	373	441	39500	51000	59600	23800
Total Dissolved Solids @180°C	mg/L	203	385	210	720	31900	44800	44800	20600
Total Alkalinity as CaCO3	mg/L	13	101	140	159	218	190	233	49
Sulfate as SO4 - Turbidimetric	mg/L	5	11	1	12	737	2410	2940	858
Chloride	mg/L	99	145	32	39	14600	19600	22000	8960
Calcium	mg/L	2	3	1	4	3070	2430	2100	1890
Magnesium	mg/L	10	1	<1	2	1270	1270	1480	337
Sodium	mg/L	46	118	75	84	4920	9560	11400	3420
Potassium	mg/L	10	16	12	15	20	17	29	26
Aluminium	mg/L	<0.01	<0.01	<0.01	0.04	<0.05	<0.05	<0.05	<0.05
Arsenic	mg/L	<0.001	0.002	<0.001	0.002	<0.005	<0.005	<0.005	<0.005
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	0.018
Cobalt	mg/L	0.002	<0.001	<0.001	<0.001	<0.005	0.017	0.012	<0.005
Copper	mg/L	0.001	<0.001	<0.001	<0.001	<0.005	0.168	<0.005	0.006
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	0.012	<0.005	<0.005
Manganese	mg/L	0.004	0.016	0.12	0.088	0.11	1.72	1.02	0.04
Molybdenum	mg/L	<0.001	<0.001	<0.001	0.001	<0.005	0.007	0.011	0.02
Nickel	mg/L	0.002	0.004	<0.001	<0.001	0.014	0.028	0.02	0.008
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	0.038	0.088	0.068	<0.005
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05
Zinc	mg/L	0.005	0.177	<0.005	<0.005	<0.025	0.647	<0.025	0.035
Boron	mg/L	<0.05	0.07	<0.05	0.06	1.14	4.39	5.66	1.34
Iron	mg/L	<0.05	1.57	<0.05	<0.05	0.07	<0.05	0.17	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	<0.1	0.2	0.4	0.5	0.2	<0.5	0.2	0.2
Ammonia as N	mg/L	0.01	0.16	0.08	0.02	0.23	0.30	0.21	0.1
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	0.62	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.12
Total Phosphorus as P	mg/L	<0.01	0.02	0.18	1.35	<0.05	0.20	<0.10	<0.05
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	140	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	5	<1

Matrix:	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG
Project name/number:	Sample Date:	25/04/2020	14/05/2020	26/04/2020	27/04/2020	30/04/2020	25/04/2020	26/04/2020	23/04/2020
Client sample ID (1st):	Hydro-Stratigraphic unit	C18013SP	C18014SP	C19001SP	C19022SP	C19026SP	C555P1	C556P1	C558P1
Analyte grouping/Analyte	Unit	DSC Spearpoint	DSC Spearpoint	Alluvium	Alluvium		Rewan	Rewan	Tertiary
pH Value	pH Unit	7.5	9.2	7.5	7.5	8.2	7.6	6.8	7.0
Electrical Conductivity @ 25°C	µS/cm	755	677	22500	34400	1760	800	230	9710
Total Dissolved Solids @180°C	mg/L	430	420	14200	23300	992	450	169	5630
Total Alkalinity as CaCO3	mg/L	262	237	623	219	373	133	25	235
Sulfate as SO4 - Turbidimetric	mg/L	<1	3	744	1850	26	<1	13	253
Chloride	mg/L	86	82	7740	12100	360	185	48	3050
Calcium	mg/L	2	7	192	1260	31	6	<1	77
Magnesium	mg/L	<1	28	231	755	7	6	1	216
Sodium	mg/L	146	98	4220	6310	390	135	43	1610
Potassium	mg/L	21	17	79	14	8	7	2	28
Aluminium	mg/L	0.01	<0.01	<0.01	<0.05	0.05	<0.01	0.04	<0.01
Arsenic	mg/L	0.001	0.003	0.005	0.011	0.003	0.002	<0.001	<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	mg/L	<0.001	<0.001	0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.004	0.001
Copper	mg/L	<0.001	0.001	0.002	<0.005	<0.001	<0.001	0.006	0.042
Lead	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	0.16	0.004	0.37	0.50	0.03	0.21	0.02	0.04
Molybdenum	mg/L	<0.001	0.022	0.007	0.025	0.015	<0.001	<0.001	0.002
Nickel	mg/L	0.002	0.009	0.005	<0.005	<0.001	<0.001	0.003	0.055
Selenium	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
Silver	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Uranium	mg/L	<0.001	0.002	0.045	0.052	<0.001	<0.001	<0.001	0.003
Vanadium	mg/L	<0.01	<0.01	0.02	<0.05	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	0.005
Boron	mg/L	0.06	0.06	1.42	3.60	0.09	0.16	0.06	0.75
Iron	mg/L	1.29	<0.05	<0.05	0.17	0.10	1.71	<0.05	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	0.6	0.5	0.3	0.5	2.0	0.5	0.2	0.3
Ammonia as N	mg/L	0.36	0.15	<0.01	0.13	0.32	0.03	<0.01	<0.01
Nitrite as N	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	0.31	0.06	0.11	<0.01	<0.01	<0.01	0.05	<0.01
Total Phosphorus as P	mg/L	0.47	0.33	0.05	<0.05	0.03	0.08	0.06	<0.05
C6 - C9 Fraction	µg/L	<20	<20	<20	<100	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<100	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	120	<100	<100	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	3	<1	<1	<1	<1

Matrix:	Sample Type:	REG	REG	REG	REG	REG			
Project name/number:	Sample Date:	14/05/2020	25/04/2020	14/05/2020	28/04/2020	25/04/2020			
	Client sample ID (1st):	HD03B	Joshua Spring	Little Moses Spring	Melaluka Spring	Moses Spring			
	Hydro-Stratigraphic unit	Alluvium							
Analyte grouping/Analyte	Unit								
pH Value	pH Unit	7.8	7.4	6.8	6.3	7.4			
Electrical Conductivity @ 25°C	µS/cm	773	544	595	569	580			
Total Dissolved Solids @180°C	mg/L	452	303	328	326	320			
Total Alkalinity as CaCO3	mg/L	128	117	33	10	155			
Sulfate as SO4 - Turbidimetric	mg/L	10	9	5	17	<1			
Chloride	mg/L	163	116	163	175	88			
Calcium	mg/L	1	11	3	4	<1			
Magnesium	mg/L	2	3	12	10	<1			
Sodium	mg/L	155	85	91	115	118			
Potassium	mg/L	16	19	10	6	9			
Aluminium	mg/L	<0.01	<0.01	0.02	0.02	0.1			
Arsenic	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Cobalt	mg/L	<0.001	<0.001	0.0020	0.0020	<0.001			
Copper	mg/L	<0.001	<0.001	<0.001	0.0010	<0.001			
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Manganese	mg/L	0.139	0.044	0.024	0.005	0.0020			
Molybdenum	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Nickel	mg/L	<0.001	<0.001	0.0040	0.0030	<0.001			
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01			
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001			
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01			
Zinc	mg/L	<0.005	<0.005	<0.005	0.01	<0.005			
Boron	mg/L	0.13	0.06	0.11	0.1	<0.05			
Iron	mg/L	0.66	<0.05	0.20	<0.05	0.09			
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			
Fluoride	mg/L	0.4	0.4	0.1	<0.1	0.3			
Ammonia as N	mg/L	0.13	<0.01	0.02	0.02	<0.01			
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01			
Nitrate as N	mg/L	<0.01	0.21	<0.01	<0.01	<0.01			
Total Phosphorus as P	mg/L	0.14	<0.01	0.03	0.61	0.12			
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20			
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20			
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	130	<100			
Sum of BTEX	µg/L	<1	<1	<1	<1	<1			