Appendix D

Geochemistry Tables & Contaminant Limits

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Appendix D1 Geochemistry Tables

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons		
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L
			LOR	2	0.01	10	20	100	1
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time						
Alluvium Eastern Area	C027P1	C027P1	29/09/2011	3850	7	350	340	<100	<1
Alluvium Eastern Area	CO27P1	C027P1	8/11/2011	4370	6.77	90	100	<100	<1
Alluvium Eastern Area	CO27P1_I	C027P1	8/11/2011	4260	6.91	60	70	<100	<1
Alluvium Eastern Area	C027P1	C027P1	25/05/2013	4080	7.16	<20	<20	<100	<1
Alluvium Eastern Area	C027P1_2	C027P1	7/05/2014	4450	6.71	<20	<20	<100	<1
Alluvium Eastern Area	C027P1_2	C027P1	28/05/2014	4190	6.89	<20	<20	<100	<1
Alluvium Eastern Area	C027P1	C027P1	1/08/2014	4300	7.1	<40	<50	<400	<3
Alluvium Eastern Area	C027P1_0	C027P1	26/09/2014	4300	7.1	<40	<50	<650	<3
Alluvium Eastern Area	C027P1_2	C027P1	20/11/2014	4400	6.9	<40	<50	<400	<3
Alluvium Eastern Area	C027P1_2	C027P1	28/03/2015	4400	7.1	<40	<50	<400	<3
Alluvium Eastern Area	C027P1_2	C027P1	28/05/2015	4400	7.1	<10	-	-	-
Alluvium Eastern Area	C027P1_2	C027P1	26/07/2015	4300	7.1	<10	-	-	-
Alluvium Eastern Area	C027P1_2	C027P1	10/09/2015	460	6.7	<10	-	-	-
Alluvium Eastern Area	C027P1_1	C027P1	26/11/2015	4300	6.9	<10	-	-	-
Alluvium Eastern Area	C027P1_1	C027P1	28/02/2016	4200	7.1	<10	-	-	-
Alluvium Eastern Area	C027P1_0	C027P1	20/04/2016	4300	7.1	<10	-	-	-
Alluvium Eastern Area	C027P1_1	C027P1	25/11/2016	4400	6.9	<20	<20	<125	<3
Alluvium Eastern Area	C027P1_0	C027P1	22/04/2017	340	6.7	<20	<20	<125	<3
Alluvium Eastern Area	CO29P1	C029P1	7/11/2011	20100	7.28	<20	<20	<100	<1
Alluvium Eastern Area	C029P1	C029P1	24/05/2013	19200	7.97	<20	<20	<100	<1
Alluvium Eastern Area	C029P1	C029P1	25/05/2013	6810	7.47	<20	<20	<100	<1
Alluvium Eastern Area	C029P1_2	C029P1	29/04/2014	19700	8.53	<20	<20	120	<1
Alluvium Eastern Area	C029P1_2	C029P1	28/05/2014	20300	7.67	<20	<20	<100	<1
Alluvium Eastern Area	C029P1	C029P1	2/08/2014						
Alluvium Eastern Area	C029P1_0	C029P1	26/09/2014	20000	7.8	<40	<50	<650	<3
Alluvium Eastern Area	C029P1_2	C029P1	23/11/2014	20000	7.8	<40	<50	<400	<3
Alluvium Eastern Area	C029P1_2	C029P1	28/05/2015	19000	8	<10	-	-	-
Alluvium Eastern Area	C029P1_2	C029P1	26/07/2015	20000	7.9	<10	-	-	-
Alluvium Eastern Area	C029P1_2	C029P1	12/09/2015	19000	7.9	<10	-	-	-
Alluvium Eastern Area	C029P1_2	C029P1	26/11/2015	20000	7.8	<10	-	-	-
Alluvium Eastern Area	c029p1_0	C029P1	22/04/2016	19000	7.9	<10	-	-	-
Alluvium Eastern Area	C029P1_0	C029P1	5/07/2016	19000	7.8	<10	-	-	-
Alluvium Eastern Area	C029P1_1	C029P1	21/11/2016	19000	7.9	<20	<20	<130	<3
Alluvium Eastern Area	C029P1_0	C029P1	22/04/2017	19000	7.9	<20	<20	<125	<3
Alluvium Eastern Area	C14028SF	C14028SP	26/09/2014	22000	8.2	<40	<50	<650	<3
Alluvium Eastern Area	C14028SF	C14028SP	19/11/2014	26000	7.3	<40	<50	<400	<3
Alluvium Eastern Area	C14028SF	C14028SP	25/03/2015	26000	7.5	<40	<50	<400	<3
Alluvium Eastern Area	C14028SF	C14028SP	28/05/2015	25000	7.5	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	23/07/2015	240	7.5	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	11/09/2015	25000	7.4	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	25/11/2015	26000	7.4	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	26/02/2016	19000	7.3	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	20/04/2016	26000	7.4	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	8/07/2016	26000	7.3	<10	-	-	-
Alluvium Eastern Area	C14028SF	C14028SP	25/11/2016	26000	7.3	<20	<20	<125	<3
Alluvium Eastern Area	C14028SF	C14028SP	22/04/2017	27000	7.4	<20	<20	<125	<3

Field_ID	Sampled_Date_Time	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F
UNIT		mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L
LOR		0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5
C027P1	29/09/2011	0.01	0.013	0.63	-	<0.001	<1	<0.001	16	<0.001	4.49	<0.0001	<1	<0.001	<10	<1	<1
CO27P1	8/11/2011	<0.01	0.015	0.52	<0.0001	0.004	4	0.001	29.3	<0.001	4.43	<0.0001	<1	0.012	<10	<1	<1
CO27P1_I	8/11/2011	<0.01	0.013	0.52	<0.0001	0.004	<1	<0.001	27.4	<0.001	4.55	<0.0001	<1	0.015	<10	<1	<1
C027P1	25/05/2013	<0.01	0.005	0.73	<0.0001	<0.001	2	0.002	17.9	<0.001	3.34	<0.0001	<1	0.002	<10	<1	<1
C027P1_2	7/05/2014	<0.01	0.006	0.69	<0.0001	<0.001	2	<0.001	18	<0.001	3.54	<0.0001	1	0.016	<10	<1	<1
C027P1_2	28/05/2014	<0.01	0.004	0.71	<0.0001	<0.001	2	<0.001	13.7	<0.001	2.85	<0.0001	1	0.018	<10	<1	<1
C027P1	1/08/2014	<0.005	<0.006	0.8	<0.0002	<0.002	3	<0.002	12	<0.002	3.8	<0.0001	<2	0.008	<6	<0.1	<0.5
C027P1_0	26/09/2014	<0.005	<0.006	0.8	0.0004	<0.002	3	<0.002	11	<0.002	3.6	<0.00005	<2	0.004	<6	<0.1	<0.5
C027P1_2	20/11/2014	<0.005	0.007	0.8	0.0002	<0.002	3	<0.002	10	<0.002	3.6	<0.00005	<2	0.003	<6	<0.1	<0.5
C027P1_2	28/03/2015	<0.005	<0.006	0.85	0.0002	<0.002	3	0.19	0.006	<0.002	3.6	<0.00005	<2	0.01	8	<0.1	<0.5
C027P1_2	28/05/2015	<0.005	<0.001	0.85	<0.0001	<0.001	2	0.016	<0.005	<0.001	3.2	<0.0001	<1	0.005	<1	<0.1	<1
C027P1_2	26/07/2015	0.005	<0.001	0.83	<0.0001	<0.001	3	0.15	0.008	<0.001	3.4	<0.00005	3	0.023	<1	<0.1	<1
C027P1_2	10/09/2015	0.017	0.008	0.77	0.0002	<0.001	20	0.16	0.011	0.002	3	<0.00005	1	0.036	6	<0.05	<1
C027P1_1	26/11/2015	<0.005	0.001	0.6	<0.0001	<0.001	2	0.034	0.1	<0.001	2.3	<0.00005	<1	0.005	<1	<0.1	<1
C027P1_1	28/02/2016	0.007	0.002	0.82	<0.0001	<0.001	4	0.028	0.006	<0.001	3.4	<0.00005	<1	0.007	3	<0.1	<1
C027P1_0	20/04/2016	<0.005	0.004	0.86	<0.0001	<0.001	9	<0.001	0.41	<0.001	3.2	<0.00005	<1	0.008	<1	<0.1	<1
C027P1_1	25/11/2016	<0.005	0.003	0.84	<0.0001	<0.001	10	0.007	2.6	<0.001	2.9	<0.00005	<1	0.015	2	<0.1	<1
C027P1_0	22/04/2017	0.008	0.002	0.16	<0.0001	<0.001	2	0.008	0.13	0.001	0.17	<0.00005	<1	0.002	<3	<0.05	<1
CO29P1	7/11/2011	<0.01	0.028	2.56	<0.0001	<0.001	3	0.006	5.62	<0.001	4.81	<0.0001	1	0.076	<10	<1	50
C029P1	24/05/2013	<0.05	<0.005	3.49	<0.0005	<0.005	7	<0.005	0.72	<0.005	0.942	<0.0001	6	0.015	<50	<5	150
C029P1	25/05/2013	<0.01	0.001	0.94	<0.0001	0.001	<1	0.001	0.72	<0.001	0.19	<0.0001	<1	<0.001	<10	<1	2
C029P1_2	29/04/2014	<0.01	<0.001	4.34	<0.0001	<0.001	<1	<0.001	0.98	<0.001	0.727	<0.0001	<1	<0.001	<10	<1	112
C029P1_2	28/05/2014	<0.01	0.01	3.74	<0.0001	<0.001	<1	0.015	1.13	<0.001	0.544	<0.0001	<1	<0.001	<10	<1	113
C029P1	2/08/2014																
C029P1_0	26/09/2014	<0.005	0.004	5.1	<0.0001	<0.001	2	0.01	0.018	<0.001	0.45	<0.00005	3	0.003	<1	<0.5	120
C029P1_2	23/11/2014	<0.005	0.006	5.2	<0.0001	<0.001	<1	0.003	0.031	<0.001	0.43	<0.00005	2	0.002	<1	<0.5	130
C029P1_2	28/05/2015	<0.025	0.012	5.3	<0.0001	<0.001	12	0.06	0.006	<0.001	0.47	<0.0001	4	0.019	1	<0.5	150
C029P1_2	26/07/2015	<0.005	0.009	5.7	<0.0001	<0.001	6	0.03	0.011	0.007	0.29	<0.00005	8	0.021	1	0.71	170
C029P1_2	12/09/2015	0.049	0.011	4.8	<0.0001	0.001	13	0.067	0.017	0.013	0.26	<0.00005	4	0.03	5	<0.5	140
C029P1_2	26/11/2015	<0.005	0.008	5.7	<0.0001	<0.001	6	0.01	<0.005	<0.001	0.25	<0.00005	4	0.009	<1	<0.5	120
c029p1_0	22/04/2016	<0.005	0.013	4.8	0.0001	<0.001	12	0.032	0.006	0.003	0.17	<0.00005	4	0.017	2	<0.5	120
C029P1_0	5/07/2016	0.005	0.009	5.1	<0.0001	<0.001	2	0.11	0.028	<0.001	0.18	<0.00005	4	0.002	3	0.23	100
C029P1_1	21/11/2016	<0.005	0.012	4.6	<0.0001	<0.001	3	0.15	0.023	<0.001	0.16	<0.00005	3	0.006	5	0.85	110
C029P1_0	22/04/2017	<0.005	0.009	4.2	<0.0001	<0.001	3	0.053	0.014	<0.001	0.2	<0.00005	2	0.004	5	<0.5	99
C14028SF	26/09/2014	0.008	0.008	2	<0.0001	<0.001	3	0.002	0.039	<0.001	8.6	<0.00005	18	0.002	<1	1.6	37
C14028SF	19/11/2014	0.017	0.006	2.3	<0.0001	<0.001	23	<0.001	0.71	0.001	9.5	<0.00005	7	0.005	<1	<0.5	38
C14028SF	25/03/2015	<0.005	0.003	2.9	<0.0005	<0.001	26	0.002	0.26	<0.001	8.8	<0.00005	4	0.006	<1	<1	55
C14028SF	28/05/2015	0.063	0.003	2.9	<0.0001	<0.001	21	0.003	0.27	<0.001	6.7	<0.0001	4	0.007	<1	<1	60
C14028SF	23/07/2015	<0.005	0.003	3.5	<0.0001	<0.001	20	<0.001	0.3	<0.001	6.9	<0.00005	3	0.006	1	<0.5	59
C14028SF	11/09/2015	<0.005	0.004	3	<0.0001	<0.001	23	0.001	0.09	<0.001	6.6	<0.00005	3	0.007	4	<0.5	69
C14028SF	25/11/2015	<0.005	0.003	3.1	<0.0001	0.001	23	<0.001	0.41	<0.001	6.5	<0.00005	1	0.007	<1	<0.5	64
C14028SF	26/02/2016	<0.005	0.001	3.1	<0.0001	<0.001	19	0.002	0.02	0.02	6.1	<0.00005	3	0.006	<1	<0.5	74
C14028SF	20/04/2016	0.009	0.003	3.1	<0.0001	<0.001	21	<0.001	0.18	<0.001	5.9	<0.00005	2	0.006	1	<0.5	74
C14028SF	8/07/2016	<0.005	0.003	3.3	<0.0001	<0.001	21	0.007	0.62	<0.001	5	<0.00005	3	0.007	2	0.13	72
C14028SF	25/11/2016	0.008	0.003	3	<0.0001	<0.001	15	0.016	0.73	<0.001	4.8	<0.00005	2	0.005	1	<0.5	86
C14028SF	22/04/2017	<0.005	0.003	3	<0.0001	<0.001	12	0.007	0.035	<0.001	4.1	<0.00005	3	0.004	<5000	<0.5	65

				Physico-Chemical Parameters						Major Ions							
Field_ID	Sampled_Date_Time	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as N	Total Phos	Chloride	Calcium	Fluoride (c	Magnesiun	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
UNIT		ug/L	mg/L	µS/cm	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
LOR		1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
C027P1	29/09/2011	10	0.006	6260	582	0.53	0.01	0.02	0.21	1580	27	0.9	111	52	1070	<0.1	66
CO27P1	8/11/2011	<10	0.019	6590	460	0.88	0.01	<0.01	<0.01	1420	26	0.6	114	58	1080	<0.1	141
CO27P1_I	8/11/2011	<10	0.01	6430	480	0.93	0.02	<0.01	<0.01	1210	26	0.7	113	57	1080	<0.1	107
C027P1	25/05/2013	<10	0.008	6910	257	0.69	0.01	<0.01	0.1	1770	24	0.5	140	83	1180	<0.1	391
C027P1_2	7/05/2014	<10	0.018	6850	269	-	-	-	0.01	1830	24	0.4	140	75	1220	<0.1	394
C027P1_2	28/05/2014	<10	0.028	6440	257	-	-	-	0.02	1610	27	0.4	142	70	1110	<0.1	410
C027P1	1/08/2014	<5	0.007	7100	250	0.44	0.078	<0.005	0.03	1900	24	0.4	130	100	1100	-	430
C027P1_0	26/09/2014	<5	<0.005	7200	250	0.45	0.028	<0.005	0.04	2000	24	0.5	130	100	1000	<0.5	440
C027P1_2	20/11/2014	<5	0.009	7400	250	0.48	0.024	<0.005	<0.02	1900	25	0.5	130	100	1100	<0.1	440
C027P1_2	28/03/2015	<5	0.022	7300	230	0.56	0.045	0.005	0.07	2000	27	0.5	140	100	1200	<0.5	520
C027P1_2	28/05/2015	<5	0.033	7400	230	0.58	<0.005	<0.005	0.05	2000	26	0.6	140	100	1100	<0.5	480
C027P1_2	26/07/2015	<1	0.11	7100	240	0.56	0.014	<0.005	0.08	2000	23	0.5	120	100	110	-	430
C027P1_2	10/09/2015	<5	0.08	770	39	0.38	<0.005	<0.005	0.04	860	26	0.2	130	100	970	<0.5	490
C027P1_1	26/11/2015	<1	0.043	7200	230	0.52	<0.005	<0.005	0.04	2000	18	0.5	98	75	800	<0.5	320
C027P1_1	28/02/2016	<1	0.094	6900	220	0.33	0.007	0.007	0.03	1900	27	0.4	140	99	1200	<0.5	520
C027P1_0	20/04/2016	<1	0.019	7200	210	0.47	0.005	<0.005	0.28	2400	27	0.4	130	100	1300	<0.5	540
C027P1_1	25/11/2016	3	0.046	7300	200	0.29	0.043	<0.005	0.01	2000	27	0.4	140	100	1300	<0.5	540
C027P1_0	22/04/2017	<5	0.012	570	46	0.081	0.016	<0.005	0.11	140	1.7	0.2	2.7	5.9	92	<0.5	13
CO29P1	7/11/2011	20	0.013	29900	1590	1.35	0.01	<0.01	0.15	8430	87	0.9	362	177	5960	<0.1	686
C029P1	24/05/2013	<50	<0.025	28100	1980	0.28	0.05	<0.01	0.39	9520	69	1	368	229	6710	<0.1	928
C029P1	25/05/2013	<10	0.015	10900	227	0.07	0.01	<0.01	<0.01	4060	94	0.5	122	83	2320	<0.1	269
C029P1_2	29/04/2014	<10	<0.005	30300	2410	-	-	-	0.1	9760	43	1.4	336	263	7150	<0.1	1040
C029P1_2	28/05/2014	<10	0.349	31200	2240	-	-	-	0.39	9710	42	1.2	324	236	7540	<0.1	1070
C029P1	2/08/2014																
C029P1_0	26/09/2014	<1	0.005	33000	2200	0.021	<0.005	<0.005	0.13	11000	39	1.5	330	350	5900	<0.5	1100
C029P1_2	23/11/2014	2	0.026	34000	2300	0.073	<0.005	<0.005	0.04	11000	43	1.2	340	360	6200	0.2	1100
C029P1_2	28/05/2015	16	0.017	32000	2300	0.14	<0.005	<0.005	0.31	9700	41	1.6	330	370	6100	0.9	1100
C029P1_2	26/07/2015	7	0.066	34000	2900	0.041	0.01	<0.005	0.29	11000	47	1.8	340	430	6000	-	1100
C029P1_2	12/09/2015	30	0.05	32000	2400	0.012	<0.005	<0.005	0.14	9100	45	1.7	330	400	6000	0.6	1100
C029P1_2	26/11/2015	9	0.024	34000	2400	<0.005	0.032	<0.005	0.32	10000	52	1.3	380	410	1000	0.8	1100
c029p1_0	22/04/2016	31	6.4	32000	2200	0.005	<0.005	<0.005	0.74	7300	44	1.3	310	330	5500	1.5	970
C029P1_0	5/07/2016	3	0.009	31000	2200	0.041	<0.005	<0.005	0.18	5400	43	1.5	310	370	800	0.6	990
C029P1_1	21/11/2016	14	<0.005	32000	2300	0.035	<0.005	<0.005	0.23	10000	48	1.5	330	350	6000	1.2	1100
C029P1_0	22/04/2017	11	0.006	31000	1900	0.041	0.036	<0.005	0.19	9400	54	1.3	330	320	6200	2.3	960
C14028SF	26/09/2014	<1	0.005	37000	55	1.1	<0.005	<0.005	0.04	14000	900	0.1	800	170	6300	<0.5	1800
C14028SF	19/11/2014	3	<0.005	43000	300	0.33	<0.005	<0.005	0.03	16000	720	0.3	850	170	6200	<0.5	1700
C14028SF	25/03/2015	<1	<0.005	43000	390	0.33	<0.005	<0.005	<0.02	15000	760	0.3	1000	200	7900	<0.5	2000
C14028SF	28/05/2015	5	0.009	42000	400	0.28	<0.005	<0.005	<0.01	16000	780	0.3	1000	180	7400	<0.5	1900
C14028SF	23/07/2015	<1	0.008	390	390	0.22	0.013	<0.005	<0.01	16000	760	-	1000	220	6700	-	1900
C14028SF	11/09/2015	5	4.2	42000	380	0.17	<0.005	<0.005	<0.01	14000	800	-	1100	200	8500	<0.5	1900
C14028SF	25/11/2015	3	0.009	44000	380	0.12	0.01	<0.005	0.01	15000	760	0.6	1000	190	7100	<0.5	1800
C14028SF	26/02/2016	<1	0.011	32000	400	0.12	0.006	<0.005	<0.01	16000	760	0.3	1000	210	7500	<0.5	1900
C14028SF	20/04/2016	<1	<0.005	44000	390	0.34	<0.005	<0.005	<0.01	8700	750	0.3	990	180	8200	<0.5	1900
C14028SF	8/07/2016	<1	0.047	44000	410	0.097	<0.005	<0.005	<0.01	9100	760	<1	960	190	9900	<0.5	1800
C14028SF	25/11/2016	2	0.012	44000	430	0.051	<0.005	<0.005	<0.01	17000	760	<1	990	190	8000	<0.5	1900
C14028SF	22/04/2017	2	0.029	45000	400	0.13	0.009	<0.005	<0.01	16000	800	<1.2	1000	190	8200	<0.5	1900

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Alluvium Western Aa	HD03B	HD03B	20/05/2013	608	7.53	<20	<20	<100	<1	<0.01	<0.001	0.15	<0.0001	<0.001	<1	0.001	0.53	<0.001	0.157	<0.0001	<1	<0.001	<10	<1	<1	<10	0.015	839	141	0.14	<0.01	<0.01	0.21	192	2	0.4	2	16	178	<0.1	13
Alluvium Western Aa	HD03B_2(	HD03B	7/05/2014	584	7.35	<20	<20	<100	<1	<0.01	<0.001	0.16	<0.0001	<0.001	<1	<0.001	0.64	<0.001	0.209	<0.0001	<1	<0.001	<10	<1	<1	<10	0.01	898	144	-	-	-	0.19	200	2	0.4	3	16	176	<0.1	14
Alluvium Western Aa	HD03B_2(	HD03B	27/05/2014	602	7.82	<20	<20	<100	<1	<0.01	<0.001	0.16	<0.0001	<0.001	<1	<0.001	0.53	<0.001	0.176	<0.0001	<1	<0.001	<10	<1	<1	<10	0.019	926	147	-	-	-	0.14	193	2	0.4	3	19	182	0.1	13
Alluvium Western Aa	HD03B	HD03B	1/08/2014	530	7.8	<40	<50	<400	<3	<0.005	<0.003	0.16	<0.0001	<0.001	<1	<0.001	0.34	<0.001	0.19	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	880	140	0.12	<0.005	<0.005	0.11	180	2	0.4	2.5	20	140	-	12
Alluvium Western Aa	HD03B_0(	HD03B	25/09/2014	530	7.8	<40	<50	<650	<3	<0.005	<0.003	0.15	<0.0001	<0.001	<1	<0.001	0.21	<0.001	0.18	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	880	140	0.11	<0.005	<0.005	0.14	170	1.8	0.5	2.5	21	140	<0.5	13
Alluvium Western Aa	HD03B_2(	HD03B	19/11/2014	520	7.8	<40	<50	<400	<3	<0.005	<0.003	0.17	<0.0001	<0.001	<1	<0.001	0.38	<0.001	0.24	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	860	140	0.13	<0.005	<0.005	0.14	170	2.3	0.4	2.5	20	140	<0.5	13
Alluvium Western Aa	HD03B_2(	HD03B	6/02/2015	540	7.6	<40	<50	<400	<3	<0.005	<0.003	0.17	<0.0001	<0.001	<1	<0.001	0.47	<0.001	0.2	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	900	140	0.1	<0.005	<0.005	0.13	180	2.1	0.4	2.7	22	170	<0.5	13
Alluvium Western Aa	HD03B_2(	HD03B	25/03/2015	520	7.7	<40	<50	<400	<3	<0.005	<0.003	0.16	<0.0001	<0.001	<1	0.001	0.46	<0.001	0.2	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	860	140	0.12	<0.005	<0.005	0.1	180	1.9	0.4	2.5	19	150	<0.5	13
Alluvium Western Aa	HD03B_2(	HD03B	26/05/2015	500	7.7	<10	-	-	-	<0.005	<0.001	0.15	<0.0001	<0.001	<1	<0.001	0.3	<0.001	0.17	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	840	150	0.12	<0.005	<0.005	0.13	180	1.8	0.5	2.5	20	140	<0.5	12
Alluvium Western Aa	HD03B_2(	-	24/07/2015	520	7.7	<10	-	-	-	<0.005	<0.001	0.2	<0.0001	<0.001	<1	<0.001	0.48	<0.001	0.17	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	870	150	0.13	0.029	<0.005	0.12	180	2	0.4	2.5	22	130	-	-
Alluvium Western Aa	HD03B_1(	-	28/02/2016	530	7.6	<10	-	-	-	<0.005	<0.001	0.18	<0.0001	<0.001	<1	0.004	0.48	<0.001	0.19	<0.00005	<1	0.001	<3	<0.05	<1	<5	<0.005	880	150	0.11	0.017	<0.005	0.12	170	2	0.4	2.7	21	170	<0.5	14
Alluvium Western Aa	hd03b_04	-	21/04/2016	530	7.8	<10	-	-	-	<0.005	<0.001	0.18	<0.0001	<0.001	<1	0.003	0.62	<0.001	0.18	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	890	150	0.11	<0.005	<0.005	0.09	150	1.8	0.4	2.6	20	150	<0.5	13
Alluvium Western Aa	HD03B_0(	-	9/07/2016	540	7.6	<10	-	-	-	<0.005	<0.001	0.17	<0.0001	<0.001	<1	<0.001	0.36	<0.001	0.18	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.02	910	150	0.1	<0.005	<0.005	0.11	110	1.8	0.5	2.5	20	160	<0.5	13
Alluvium Western Aa	HD03B_11	-	23/11/2016	540	7.6	<20	<20	<130	<3	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.45	<0.001	0.23	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	890	180	0.095	<0.005	<0.005	0.1	170	2.5	0.4	2.6	20	160	<0.5	14
Alluvium Western Aa	HD03B_0:	-	24/04/2017	500	7.5	<20	<20	<125	<3	<0.005	<0.001	0.16	<0.0001	<0.001	<1	0.003	0.2	<0.001	0.19	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	830	140	0.1	0.012	<0.005	0.13	160	1.8	0.4	2.2	17	150	<0.5	11

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filt	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Bandanna Formation - AB Seam	C007P2	C007P2	4/10/2011	10300	7.56	<20	<20	1160	<1	<0.01	0.003	0.41	<0.0001	0.001	1	0.002	0.24	<0.001	0.445	<0.0001	8	<0.001	<10	4	3	<10	<0.005	17100	205	3.07	0.03	<0.01	1.73	5460	558	0.4	234	52	2740	<0.1	554
Bandanna Formation - AB Seam	C007P2	C007P2	10/11/2011	10700	7.95	20	20	<100	<1	<0.01	0.002	0.51	<0.0001	0.002	<1	0.001	0.1	<0.001	0.304	<0.0001	1	<0.001	<10	<1	2	<10	0.005	16100	264	2.43	0.02	<0.01	<0.01	5230	453	0.4	267	66	2590	5.3	465
Bandanna Formation - AB Seam	C007P2-H	C007P2	10/11/2011	10800	7.73	<20	<20	<100	<1	<0.01	0.003	0.49	0.0001	0.002	<1	0.001	0.16	<0.001	0.285	<0.0001	<1	<0.001	<10	3	2	<10	<0.005	16500	251	2.48	0.01	<0.01	0.04	4350	486	0.4	270	66	2620	6.2	473
Bandanna Formation - AB Seam	C007P2	C007P2	23/05/2013	10300	7.81	<20	<20	<100	<1	<0.01	0.002	0.51	<0.0001	0.002	<1	0.001	0.76	<0.001	0.592	<0.0001	1	<0.001	<10	<1	1	<10	<0.005	16100	211	3.67	0.01	<0.01	0.06	5880	547	0.3	312	60	2600	<0.1	545
Bandanna Formation - AB Seam	C007P2_2	C007P2	6/05/2014	10700	8.02	<20	<20	<100	<1	<0.01	<0.001	0.61	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.515	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	16500	226	-	-	-	0.1	5740	523	0.3	289	45	2550	6.8	489
Bandanna Formation - AB Seam	C007P2_2	C007P2	27/05/2014	10200	7.9	<20	<20	<100	<1	<0.01	<0.001	0.49	<0.0001	<0.001	<1	<0.001	0.36	<0.001	0.384	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	15700	217	-	-	-	0.03	5540	565	0.3	315	54	2680	1.4	471
Bandanna Formation - AB Seam	COO8P2	C008P2	3/10/2011	1920	8.52	<20	<20	<100	<1	0.02	0.004	0.3	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.263	<0.0001	5	<0.001	<10	<1	<1	<10	<0.005	3330	552	0.9	0.02	<0.01	0.18	755	35	0.8	19	20	732	5.3	66
Bandanna Formation - AB Seam	C008P2	C008P2	12/11/2011	1920	8.27	20	30	<100	7	0.06	0.008	0.3	<0.0001	0.001	<1	0.001	0.06	<0.001	0.361	<0.0001	<1	0.002	<10	<1	<1	<10	0.019	3260	585	0.85	0.01	<0.01	<0.01	683	38	0.9	21	20	577	0.9	31
Bandanna Formation - AB Seam	C008P2	C008P2	23/05/2013	1710	8.25	<20	<20	<100	<1	<0.01	0.003	0.27	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.102	<0.0001	2	0.001	<10	<1	<1	<10	<0.005	3110	414	1.52	<0.01	<0.01	0.13	742	27	0.8	18	19	596	<0.1	87
Bandanna Formation - AB Seam	C008P2_2	C008P2	6/05/2014	1870	8.47	<20	<20	<100	<1	<0.01	0.002	0.21	<0.0001	0.005	<1	<0.001	<0.05	<0.001	0.11	0.0003	<1	<0.001	<10	<1	<1	<10	0.005	2880	479	-	-	-	0.07	674	30	0.8	16	13	617	6.5	22
Bandanna Formation - AB Seam	C008P2_2	C008P2	27/05/2014	1880	8.4	<20	<20	<100	<1	<0.01	0.001	0.24	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.103	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	2900	517	-	-	-	0.09	685	30	0.9	16	14	599	5.2	11
Bandanna Formation - AB Seam	C008P2	C008P2	3/08/2014	1800	8.1	<40	<50	<400	<3	<0.005	<0.003	0.24	0.0001	<0.001	<1	<0.001	0.01	<0.001	0.12	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	3000	450	1.2	<0.005	<0.005	0.07	630	33	0.8	16	17	560	-	72
Bandanna Formation - AB Seam	C008P2_0	C008P2	25/09/2014	1700	8.1	<40	<50	<650	<3	0.006	0.003	0.23	0.0001	<0.001	<1	<0.001	0.047	<0.001	0.11	<0.00005	2	<0.001	<3	<0.05	<0.5	<5	<0.005	2900	480	1.2	<0.005	<0.005	0.13	630	32	0.9	16	18	550	3	39
Bandanna Formation - AB Seam	C008P2_2	C008P2	19/11/2014	1700	8.2	<800	<1000	1300	<30	0.008	<0.003	0.24	0.0001	<0.001	<1	<0.001	0.007	<0.001	0.1	<0.00005	9	0.002	3	<0.05	<0.5	<5	<0.005	2900	50	1.1	<0.005	<0.005	0.41	640	32	0.8	16	17	550	13	15
Bandanna Formation - AB Seam	C008P2_2	C008P2	6/02/2015	1700	8	<40	<50	<400	<3	0.007	<0.003	0.25	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.1	<0.00005	3	<0.001	<3	<0.05	<0.5	<5	<0.005	2900	420	1.3	<0.005	<0.005	0.05	610	32	0.8	16	17	430	3.5	91
Bandanna Formation - AB Seam	C008P2_2	C008P2	26/03/2015	1800	8.2	<40	<50	<400	<3	<0.005	0.004	0.23	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.096	<0.00005	5	0.002	<3	<0.05	<0.5	<5	<0.005	2900	460	1.4	0.008	<0.005	0.07	590	31	0.9	15	14	560	6	85
Bandanna Formation - AB Seam	C008P2_2	C008P2	27/05/2015	1800	8.2	<10	-	-	-	0.007	<0.001	0.25	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.097	<0.0001	3	0.003	<3	<0.05	<1	<5	<0.005	2900	480	1.5	<0.005	<0.005	0.04	620	32	0.9	16	14	570	14	66
Bandanna Formation - AB Seam	C008P2_2	C008P2	23/07/2015	1700	8.1	<10	-	-	-	0.008	<0.001	0.22	<0.0001	<0.001	<1	<0.001	0.009	<0.001	0.093	0.00006	2	0.004	<3	<0.05	<1	<5	<0.005	2900	480	1.6	0.011	<0.005	0.06	630	29	0.7	14	16	510	-	52
Bandanna Formation - AB Seam	C008P2_2	C008P2	9/09/2015	1700	8.2	<10	-	-	-	0.009	<0.001	0.24	<0.0001	<0.001	<1	<0.001	0.01	0.001	0.085	<0.00005	2	0.009	5	<0.05	<1	<5	0.006	2800	480	1.5	0.007	<0.005	0.06	590	31	0.8	15	14	550	13	56
Bandanna Formation - AB Seam	C008P2_2	C008P2	25/11/2015	1700	8	<10	-	-	-	0.005	<0.001	0.24	0.0001	<0.001	<1	<0.001	0.017	<0.001	0.087	0.00011	2	0.003	6	<0.05	<1	<5	<0.005	2900	480	1.4	0.013	<0.005	0.07	560	31	0.8	15	15	540	11	99
Bandanna Formation - AB Seam	C008P2_1	C008P2	26/02/2016	1700	8	<10	-	-	-	0.006	<0.001	0.25	<0.0001	<0.001	<1	0.002	0.016	<0.001	0.089	<0.00005	2	0.002	<3	<0.05	<1	<5	<0.005	2800	460	1.2	0.006	<0.005	0.06	580	31	0.8	15	14	500	9.8	50
Bandanna Formation - AB Seam	c008p2_0	C008P2	20/04/2016	1700	8.1	<10	-	-	-	<0.005	<0.001	0.23	0.0001	<0.001	<1	0.002	0.011	0.001	0.088	<0.00005	2	0.009	<3	<0.05	<1	<5	0.35	2800	450	1.3	<0.005	<0.005	0.07	450	28	0.8	14	13	500	11	90
Bandanna Formation - AB Seam	C008P2_0	C008P2	7/07/2016	1700	8	<10	-	-	-	0.007	<0.001	0.23	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.083	<0.00005	1	<0.001	<3	<0.05	<1	<5	<0.005	2800	470	0.94	<0.005	<0.005	0.04	230	29	0.8	14	13	610	12	97
Bandanna Formation - AB Seam	C008P2_1	C008P2	26/11/2016	1700	8	<20	<20	<125	<3	0.011	<0.001	0.24	<0.0001	<0.001	<1	0.001	0.013	<0.001	0.083	<0.00005	2	<0.001	5	<0.05	<1	<5	<0.005	2800	500	1	0.015	<0.005	0.06	610	30	0.7	15	14	490	8.7	31
Bandanna Formation - AB Seam	C008P2_0	C008P2	21/04/2017	1700	8.1	<20	<20	<125	<3	0.011	<0.001	0.22	0.0007	<0.001	<1	0.002	0.008	0.001	0.08	<0.00005	2	0.002	4	<0.05	<1	<5	<0.005	2800	430	1.4	0.04	<0.005	0.05	580	30	0.7	14	12	490	7.6	48
Bandanna Formation - AB Seam	C014P2	C014P2	4/10/2011	1110	8.61	170	180	<100	<1	<0.01	0.004	0.3	<0.0001	<0.001	2	<0.001	0.38	<0.001	0.084	<0.0001	9	0.003	<10	<1	<1	<10	<0.005	2020	390	0.82	0.02	<0.01	<0.01	398	20	1	6	25	415	<0.1	3
Bandanna Formation - AB Seam	C014P2	C014P2	12/11/2011	1340	9.5	50	60	<100	<1	0.42	0.004	0.24	<0.0001	0.001	<1	<0.001	0.18	<0.001	0.002	<0.0001	12	0.002	<10	<1	<1	<10	0.007	2030	406	0.98	0.02	<0.01	0.28	406	3	1	3	33	374	<0.1	<1
Bandanna Formation - AB Seam	C014P2_2	C014P2	6/05/2014	1720	10.9	160	160	100	<1	0.83	0.003	0.2	<0.0001	0.002	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	62	0.014	<10	<1	<1	<10	0.007	2650	637	-	-	-	0.29	430	<1	0.8	<1	140	533	<0.1	7
Bandanna Formation - AB Seam	C014P2_2	C014P2	27/05/2014	2300	11.5	70	70	<100	<1	1.24	0.002	0.19	<0.0001	<0.001	<1	<0.001	0.06	<0.001	<0.001	<0.0001	93	0.027	<10	<1	<1	<10	0.006	3540	810	-	-	-	0.04	474	<1	0.8	<1	183	615	<0.1	15
Bandanna Formation - AB Seam	CO14P2_	C014P2	29/05/2015	1800	10.9	<10	-	-	-	0.9	0.001	0.29	0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	0.0002	67	0.017	<3	<0.05	<1	<5	<0.005	3000	520	1.3	<0.005	<0.005	0.06	520	0.8	0.9	0.1	93	540	2.6	48
Bandanna Formation - AB Seam	C014P2_2	C014P2	26/07/2015	1500	10.2	40	-	-	-	0.29	0.001	0.33	0.0002	<0.001	<1	<0.001	0.006	0.028	<0.001	<0.00005	47	0.007	<3	<0.05	<1	<5	0.005	2500	440	0.79	0.011	<0.005	0.03	460	1	1	0.5	75	470	-	23
Bandanna Formation - AB Seam	C014P2_2	C014P2	8/09/2015	2800	11.7	27	-	-	-	1.1	<0.001	0.22	<0.0001	<0.001	<1	0.001	0.037	<0.001	0.002	0.00038	120	0.031	<1	<0.05	<1	<1	<0.005	4600	620	1.4	<0.005	<0.005	<0.01	750	0.6	0.7	<0.1	130	590	<0.5	25
Bandanna Formation - AB Seam	C014P2_2	C014P2	23/11/2015	2700	11.5	<10	-	-	-	0.65	<0.001	0.24	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	0.00017	100	0.025	<1	<0.05	<1	<1	0.005	4500	540	1.1	0.011	<0.005	0.01	690	0.8	0.8	<0.1	110	620	1.2	21
Bandanna Formation - AB Seam	C014P2_1	C014P2	26/02/2016	2500	11.3	48	-	-	-	0.32	<0.001	0.26	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	0.0003	86	0.017	1	<0.05	<1	<1	<0.005	4100	480	0.76	0.009	<0.005	<0.01	780	1.4	0.7	<0.1	87	640	1.8	20
Bandanna Formation - AB Seam	C014P2_0	C014P2	18/04/2016	2300	11.3	40	-	-	-	0.36	<0.001	0.27	0.0001	<0.001	<1	<0.001	0.006	<0.001	<0.001	0.00017	89	0.019	<3	<0.05	<1	<5	<0.005	3900	460	0.53	0.006	0.005	<0.01	440	0.7	0.8	<0.1	89	630	3.4	11
Bandanna Formation - AB Seam	C014P2_0	C014P2	5/07/2016	1800	10.1	20	-	-	-	0.088	0.001	0.27	<0.0001	<0.001	<1	<0.001	0.005	<0.001	<0.001	0.0001	55	0.007	<3	<0.05	<1	<5	<0.005	3000	390	1	0.043	<0.005	0.02	670	1.1	0.9	0.7	61	520	5	39
Bandanna Formation - AB Seam	C014P2_1	C014P2	21/11/2016	1600	9.7	<20	<20	<125	<3	0.041	<0.001	0.34	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	<0.00005	35	0.003	<3	<0.05	<1	<5	<0.005	2600	360	0.87	<0.005	<0.005	0.02	590	1.7	0.9	1.5	43	550	3.3	43
Bandanna Formation - AB Seam	C014P2	C014P2	21/04/2017	1300	8.6	<20	<20	<125	<3	0.029	0.001	0.33	<0.0001	<0.001	<1	<0.001	0.006	<0.001	<0.001	<0.00005	18	0.001	<3	<0.05	<1	<5	<0.005	2200	290	0.96	<0.005	<0.005	0.06	480	4.2	1	2.4	24	480	1.6	3.6
Bandanna Formation - AB Seam	CO16P2	C016P2	2/10/2011	1660	10.4	40	40	<100	8	0.08	0.004	0.31	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	10	<0.001	<10	<1	<1	<10	0.006	3000	314	4.93	0.02	<0.01	0.51	735	5	0.2	<1	119	573	4.7	153
Bandanna Formation - AB Seam	C016P2	C016P2	13/11/2011	1840	11.5	30	30	<100	3	0.02	0.003	0.23	<0.0001	<0.001	<1	<0.001	0.05	<0.001	0.001	<0.0001	13	<0.001	<10	<1	<1	<10	0.005	3840	527	4.32	0.02	<0.01	<0.01	659	4	0.3	<1	182	520	1.9	21
Bandanna Formation - AB Seam	C016P2	C016P2	21/05/2013	1440	11.5	30	30	<100	<1	2.23	0.001	0.27	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	8	<0.001	<10	<1	<1	<10	0.005	2810	318	6.02	<0.01	<0.01	0.02	661	56	0.2	<1	64	499	<0.1	12
Bandanna Formation - AB Seam	C016P2_2	C016P2	29/04/2014	1660	8.22	30	30	100	<1	<0.01	<0.001	0.31	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	2560	77	-	-	-	0.02	835	15	0.2	12	20	484	4	2
Bandanna Formation - AB Seam	C016P2_2	C016P2	26/05/2014	1640	9.02	<20	<20	<100	<1	<0.01	<0.001	0.29	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	2	0.001	<10	<1	<1	<10	<0.005	2520	101	-	-	-	<0.01	785	18	0.2	7	28	461	7.3	16
Bandanna Formation - AB Seam	C016P2_0	C016P2	23/09/2014	1500	9	<40	63	<650	<3	<0.005	<0.003	0.3	0.0001	<0.001	<1	<0.001	0.008	<0.001	<0.005	<0.00005	5	0.001	<3	<0.05	<0.5	<5	<0.005	2500	82	5.3	<0.005	<0.005	<0.02	700	6.6	0.2	4.9	43	420	2.8	120
Bandanna Formation - AB Seam	C016P2_2	C016P2	17/11/2014	1400	9.4	<40	<50	<400	<3	<0.005	<0.003	0.31	0.0001	<0.001	<1	<0.001	0.009	<0.001	<0.005	<0.00005	6	0.002	<3	<0.05	<0.5	<5	<0.005	2400	85	5.6	<0.005	<0.005	<0.02	690	4.4	0.2	3.2	44	420	10	110
Bandanna Formation - AB Seam	C016P2_2	C016P2	4/02/2015	1500	8.4	<40	<50	<400	<3	0.007	<0.003	0.33	<0.0001	<0.001	<1	<0.001	0.008	<0.001	<0.005	<0.00005	3	0.001	<3	<0.05	<0.5	<5	<0.005	2500	71	3.8	<0.005	<0.005	<0.02	700	15	0.2	8.3	33	410	6.6	67
Bandanna Formation - AB Seam	C016P2_2	C016P2	24/03/2015	1500	9.4	<40	<50	<400	<3	<0.005	<0.003	0.3	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.005	0.00008	5	0.001	<3	<0.05	<0.5	<5	<0.005	2500	81	5.4	<0.005	<0.005	<0.02	650	8.8	0.2	4.9	36	430	5.2	140
Bandanna Formation - AB Seam	C016P2_2	C016P2	25/05/2015	1400	9.7	<10	-	-	-	0.016	<0.001	0.17	<0.0001	<0.001	<1	0.047	0.01	<0.001	0.005	<0.0001	3	0.001	<3	<0.05	<1	<5	0.021	2400	91	6.3	0.008	<0.005	0.02	640	5.1	0.2	3.1	21	230	7.4	56
Bandanna Formation - AB Seam	C016P2_2	C016P2	25/07/2015	1500	8.7	24	-	-	-	<0.005	<0.001	0.37	<0.0001	<0.001	<1	<0.001	0.012	<0.001	<0.001	0.00005	4	0.001	<3	<0.05	<1	<5	<0.005	2500	83	6.5	<0.005	<0.005	<0.01	720	23	0.2	9.9	37	460	-	74
Bandanna Formation - AB Seam	C016P2_2	C016P2	8/09/2015	1500	9.4	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.007	<0.001	<0.001	<0.00005	3	<0.001	<3	<0.05	<1	<5	<0.005	2400	84	5.4	<0.005	<0.005	<0.01	700	11	0.2	4.7	17	240	5.1	33
Bandanna Formation - AB Seam	C016P2_2	C016P2	24/11/2015	1600	8.2	<10	-	-	-	<0.005	<0.001	0.36	0.0001	<0.001	<1	<0.001	0.01	<0.001	<0.001	<0.00005	2	<0.001	<3	<0.05	<1	<5	<0.005	2600	79	2.7	0.009	<0.005	0.01	720	38	0.2	13	21	440	2.6	39
Bandanna Formation - AB Seam	C016P2_1	C016P2	25/02/2016	1600	8.2	<10	-	-	-	0.007	<0.001	0.37	<0.0001	<0.001	<1	<0.001	0.036	<0.001	0.064	<0.00005	2	<0.001	<3	<0.05	<1	<5	0.009	2600	170	1.7	<0.005	<0.005	0.01	690	78	0.2	14	19	480	2.8	33
Bandanna Formation - AB Seam	C016P2_0	C016P2	19/04/2016	1600	7.9	<10	-	-	-	<0.005	<0.001	0.39	<0.0001	<0.001	<1	<0.001	0.008	<0.001	0.002	<0.00005	<1	<0.001	3	<0.05	<1	<5	<0.005	2700	100	1.2	<0.005	<0.005	0.01	900	60	0.2	17	14	490	0.7	35
Bandanna Formation - AB Seam	C016P2_0	C016P2	6/07/2016	1700	7.9	<10	-	-	-	0.006	<0.001	0.37	<0.0001	<0.001	<1	<0.001	0.039	<0.001	0.084	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	2900	190	0.65	<0.005	<0.005	0.02	760	90	0.2	16	15	480	1.2	35
Bandanna Formation - AB Seam	C016P2_1	C016P2	22/11/2016	1600	8.4	<20	<20	<125	<3	<0.005	<0.001	0.39	<0.0001	<0.001	<1	<0.001	0.008	<0.001	0.01	<0.00005	1	<0.001	<3	<0.05	<1	<5	<0.005	2600	110	2.8	<0.005	<0.005	<0.01	730	49	0.2	16	17	470	1.6	34
Bandanna Formation - AB Seam	C016P2	C016P2	20/04/2017	1600	7.3	<20	<20	<125	<3	<0.005	<0.001	0.36	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.002	<0.00005	1	<0.001	<3	<0.05	<1	<5	0.015	2600	57	1.9	<0.005	<0.005	0.01	750	37	0.2	15	15	470	1.8	32
Bandanna Formation - AB Seam	CO20P2	C020P2	3/10/2011	1050	8.21	50	50	<100	<1	0.1	0.002	0.48	<0.0001	<0.001	<1	<0.001	0.06	<0.001	0.037	<0.0001	4	<0.001	<10	<1	<1	<10	<0.005	1780	225	0.04	0.03	<0.01	0.23	411	15	0.6	3	4	374	-	24
Bandanna Formation - AB Seam	CO20P2	C020P2	6/10/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-
Bandanna Formation - AB Seam	C020P2	C020P2	14/11/2011	970	8.2	40	50	<100	4	0.04	0.001	0.41	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.041	<0.0001	2	<0.001	<10	<1	<1	<10	<0.005	1740	257	0.52	0.02	<0.01	<0.01	406	16	0.6	3	5	310	1.5	16
Bandanna Formation - AB Seam	C020P2	C020P2	3/08/2014	1100	9.6	<40	<50	<400	<3	1.2	<0.003	0.26	0.0001	<0.001	<1	0.002	0.008	<0.001	<0.005	<0.0001	55	0.004	<3	<0.05	<0.5	<5	<0.005	1900	32	0.98	<0.005	<0.005	<0.02	540	36	0.3	<0.1	16	300	-	16
Bandanna Formation - AB Seam	C020P2_0	C020P2	24/09/2014	1000	8.1	370	420	<650	<3	0.008	<0.003	0.47	0.0002	<0.001	<1	<0.001	0.055	<0.001	0.074	<0.00005	<1	0.001	<3	<0.05	<0.5	<5	<0.005	1700	270	0.46	<0.005	<0.005	0.03	360	22	0.6	4.7	7.2	300	3	11
Bandanna Formation - AB Seam	C020P2_2	C020P2	18/11/2014	1000	8	70	76	<400	<3	0.031	0.095	0.43	0.0006	<0.001	<1	<0.001	0.43	<0.001	0.06	<0.00005	11	0.003	<3	<0.05	<0.5	<5	<0.005	1700	230	0.53	<0.005	<0.005	0.09	400	30	0.5	3.9	8.7	300	4.1	6.4
Bandanna Formation - AB Seam	C020P2_2	C020P2	5/02/2015	1000	8.1	<40	<50	<400	<3	0.007	<0.003	0.5	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.027	<0.00005	<3	0.001	<3	<0.05	<0.5	<5	<0.005	1700	230	0.55	<0.005	<0.005	0.03	370	18	0.5	3.6	6.1	370	<0.5	23
Bandanna Formation - AB Seam	C020P2_2	C020P2	25/03/2015	1000	8.2	<40	<50	<400	<3	<0.005	<0.003	0.47	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.029	<0.00005	1	<0.001	<3	<0.05	<0.5	<5	0.005	1700	230	0.57	<0.005	<0.005	0.02	360	17	0.6	3.5	5.3	320	<0.5	22
Bandanna Formation - AB Seam	C020P2_2	C020P2	28/05/2015	970	8.3	<10	-	-	-	<0.005	<0.001	0.51	<0.0001	<0.001	<1	<0.001	0.026	<0.001	0.028	<0.0001	1	<0.001	<3	<0.05	<1	<5	<0.005	1600	240	0.6	<0.005	<0.005	0.03	350	16	0.7	3.1	5	320	<0.5	20
Bandanna Formation - AB Seam	CO32P2	C032P2	5/10/2011	951	8.09	40	50	<100	<1	0.02	0.005	0.3	<0.0001	<0.001	<1	<0.001	0.33	<0.001	0.264	<0.0001	18	<0.001	<10	<1	<1	<10	<0.005	1400	336	0.05	0.03	<0.01	0.12	229	24	0.6	6	20	257	0.2	5
Bandanna Formation - AB Seam	CO32P2	C032P2	7/11/2011	1540	7.49	<20	<20	<100	<1	0.02	0.013	0.3	<0.0001	0.003	<1	<0.001	1.4	<0.001	0.464	<0.0001	10	0.002	<10	<1	<1	<10	0.005	1580	535	0.71	0.01	<0.01	0.74	934	37	0.7	13	11	294	<0.1	<1
Bandanna Formation - AB Seam	C032P2_2	C032P2	7/05/2014	838	9.46	50	50	<100	<1	<0.01	0.009	0.33	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.002	<0.0001	14	<0.001	<10	<1	<1	<10	<0.005	1290	335	-	-	-	0.12	231	3	1	2	13	281	<0.1	<1
Bandanna Formation - AB Seam	C032P2_2	C032P2	28/05/2014	800	9.14	30	40	<100	<1	<0.01	0.008	0.33	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.003	<0.0001	11	<0.001	<10	<1	<1	<10	0.011	1230	325	-	-	-	0.15	228	5	1	3	10	262	<0.1	3
Bandanna Formation - AB Seam	C032P2	C032P2	2/08/2014	780	9	<40	<50	<400	<3	<0.005	0.013	0.37	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.005	<0.0001	8	<0.001	<3	<0.05	<0.5	<5	<0.005	1300	360	0.42	<0.005	<0.005	0.18	200	8.3	1.1	3.7	8	250	-	0.8
Bandanna Formation - AB Seam	C032P2_0	C032P2	27/09/2014	780	8.5	<40	<50	<650	<3	0.006	0.007	0.36	0.0001	<0.001	<1	<0.001	0.006	<0.001	0.042	<0.00005	20	<0.001	<3	<0.05	<0.5	<5	<0.005	1300	430	0.4	<0.005	<0.005	2.5	200	10	1.1	4.1	7.8	240	<0.5	0.6
Bandanna Formation - AB Seam	C032P2_2	C032P2	21/11/2014	840	8.1	<40	<50	<400	<3	0.006	0.011	0.37	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.078	<0.00005	7	0.001	<3	<0.05	<0.5	<5	<0.005	1400	350	0.39	<0.005	<0.005	0.1	200	10	1	3.7	6.7	240	0.4	<0.5
Bandanna Formation - AB Seam	C032P2_2	C032P2	9/02/2015	780	8.5	<40	<50	<400	<3	<0.005	0.009	0.39	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.061	<0.00005	7	<0.001	<3	<0.05	<0.5	<5	<0.005	1300	350	0.39	<0.005	<0.005	0.11	200	10	1.1	3.8	7.4	290	0.9	0.5
Bandanna Formation - AB Seam	C032P2_2	C032P2	27/03/2015	780	8.9	<40	<50	<400	<3	<0.005	0.009	0.37	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.051	<0.00005	6	<0.001	<3	<0.05	<0.5	<5	<0.005	1300	360	0.39	<0.005	<0.005	0.07	200	9.9	1.1	3.6	6.1	250	<0.5	0.5
Bandanna Formation - AB Seam	C032P2_2	C032P2	30/05/2015	750	9	34	-	-	-	<0.005	0.007	0.37	<0.0001	<0.001	<1	<0.001	0.007	<0.001	0.014	<0.0001	6	<0.001	<3	<0.05	<1	<5	<0.005	1300	370	0.39	<0.005	<0.005	0.05	210	8.7	1.1	3.7	6.7	260	<0.5	0.6
Bandanna Formation - AB Seam	C032P2_2	C032P2	20/07/2015	770	8.9	32	-	-	-	<0.005	0.009	0.35	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.029	<0.0001	6	<0.001	<3	<0.05	<1	<5	<0.005	1300	360	0.44	<0.005	<0.005	0.06	200	8.6	1	3.3	6.1	230	0.7	<0.5
Bandanna Formation - AB Seam	C032P2_2	C032P2	13/09/2015	760	8.1	<10	-	-	-	0.005	0.006	0.34	<0.0001	<0.001	<1	<0.001	0.008	<0.001	0.079	<0.00005	5	<0.001	<3	<0.05	<1	<5	<0.005	1300	360	0.37	<0.005	<0.005	0.05	200	9.4	1.1	3.6	5.9	240	<0.5	<0.5
Bandanna Formation - AB Seam	C032P2_1	C032P2	27/11/2015	730	9	12	-	-	-	<0.005	0.004	0.35	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.031	<0.00005	5	<0.001	<3	<0.05	<1	<5	0.029	1200	340	0.35	<0.005	<0.005	0.06	200	9	1	3.4	6.6	240	<0.5	<0.5
Bandanna Formation - AB Seam	C032P2_1	C032P2	28/02/2016	750	8.1	<10	-	-	-	<0.005	0.005	0.36	<0.0001	<0.001	<1	<0.001	0.024	<0.001	0.067	<0.00005	6	<0.001	<3	<0.05	<1	<5	0.011	1300	360	0.25	<0.005	<0.005	0.07	190	9.7	0.9	3.6	6.1	280	<0.5	<0.5
Bandanna Formation - AB Seam	c032p2_0	C032P2	21/04/2016	760	8.3	<10	-	-	-	<0.005	0.006	0.32	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.065	<0.00005	6	<0.001	<3	<0.05	<1	<5	<0.005	1300	350	0.28	<0.005	<0.005	0.07	120	7.9	1	3	4.9	210	<0.5	<0.5
Bandanna Formation - AB Seam	C032P2_1	C032P2	24/11/2016	760	8.3	<20	<20	<125	<3	<0.005	0.005	0.36	<0.0001	<0.001	<1	0.002	<0.005	<0.001	0.062	<0.00005	5	<0.001	<3	<0.05	<1	<5	<0.005	1300	360	0.29	0.018	<0.005	0.06	200	9.8	1	3.7	5.7	280	<0.5	<0.5
Bandanna Formation - AB Seam	C032P2_0	C032P2	23/04/2017	750	8.7	<20	<20	<125	<3	<0.005	0.005	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	<0.00005	5	<0.001	<3	<0.05	<1	<5	<0.005	1200	320	0.24	<0.005	<0.005	0.05	190	5.9	0.9	3.4	5.3	260	<0.5	0.9
Bandanna Formation - AB Seam	CO35P2	C035P2	5/10/2011	851	7.15	<20	<20	<100	<1	0.35	<0.001	0.24	<0.0001	<0.001	<1	0.002	1.01	<0.001	0.136	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1560	119	0.04	0.05	<0.01	0.06	404	12	0.3	8	6	280	0.1	11
Bandanna Formation - AB Seam	CO35P2	C035P2	6/11/2011	1180	7.02	<20	<20	<100	<1	5.66	<0.001	0.2	<0.0001	0.005	<1	0.001	2.24	<0.001	0.128	<0.0001	<1	0.003	<10	<1	<1	<10	0.01	1550	120	0.07	0.03	<0.01	<0.01	535	13	0.3	8	7	276	<0.1	17
Bandanna Formation - AB Seam	C035P2_2	C035P2	7/05/2014	1000	7.01	<20	<20	<100	<1	<0.01	<0.001	0.23	<0.0001	<0.001	<1	<0.001	0.42	<0.001	0.108	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1540	121	-	-	-	0.02	432	10	0.3	7	5	292	0.2	13
Bandanna Formation - AB Seam	C035P2_2	C035P2	28/05/2014	956	7.12	<20	<20	<100	<1	<0.01	<0.001	0.22	<0.0001	<0.001	<1	<0.001	0.45	<0.001	0.101	<0.0001	<1	<0.001	<10	<1	<1	<10	0.012	1470	112	-	-	-	0.04	423	11	0.2	7	5	282	<0.1	20

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganes	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filt	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesiun	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Clematis Sandstone	C14011SF	C14011SP	24/09/2014	-	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	66	4.9	-	5.4	3.4	40	-	6.7
Clematis Sandstone	C14011SF	C14011SP	4/02/2015	160	5.8	<40	<50	<400	<3	0.011	<0.006	0.091	<0.0002	<0.002	2	0.004	0.021	<0.002	0.03	<0.00005	<2	0.003	<6	<0.1	<0.5	<5	0.028	270	34	<0.005	0.44	<0.005	0.25	66	2	<0.1	4.8	2.8	32	<0.5	5.3
Clematis Sandstone	C14011SF	C14011SP	26/05/2015	160	6.2	<10	-	-	-	<0.005	<0.001	0.08	<0.0001	<0.001	2	0.01	<0.005	<0.001	0.037	<0.0001	<1	0.004	<3	<0.05	<1	<5	0.02	260	21	<0.005	0.24	<0.005	0.02	70	4.9	<0.1	5.3	3.1	34	<0.5	5.7
Clematis Sandstone	C14011SF	C14011SP	24/07/2015	170	6.4	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	2	<0.001	<0.005	<0.001	0.035	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.01	280	29	0.005	0.46	<0.005	0.03	72	7.1	<0.1	5.3	3.2	35	-	5.5
Clematis Sandstone	C14011SF	C14011SP	10/09/2015	200	7	<10	-	-	-	0.008	<0.001	0.088	<0.0001	<0.001	1	0.004	<0.005	<0.001	0.018	<0.00005	1	0.003	<3	<0.05	<1	<5	0.024	330	56	0.025	0.38	<0.005	<0.01	68	13	<0.1	5.5	4.3	39	<0.5	5.2
Clematis Sandstone	C14011SF	C14011SP	26/11/2015	160	6.2	<10	-	-	-	<0.005	<0.001	0.1	0.0001	<0.001	2	0.006	0.009	<0.001	0.021	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.014	260	23	0.014	0.52	<0.005	0.01	64	5.7	<0.1	5.4	2.8	33	<0.5	5.1
Clematis Sandstone	C14011SF	C14011SP	27/02/2016	160	6.3	<10	-	-	-	0.005	<0.001	0.11	<0.0001	<0.001	2	0.006	<0.005	<0.001	0.02	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.012	270	24	<0.005	0.45	<0.005	<0.01	66	6.3	0.3	5.4	2.8	34	<0.5	5.4
Clematis Sandstone	C14011SF	C14011SP	18/04/2016	160	6.3	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	2	0.01	0.01	<0.001	0.024	<0.00005	2	0.003	<3	<0.05	<1	<5	0.006	260	24	<0.005	0.45	<0.005	0.02	66	4.6	<0.1	5.2	2.7	35	<0.5	5.2
Clematis Sandstone	C14011SF	C14011SP	5/07/2016	160	6.3	<10	-	-	-	<0.005	<0.001	0.08	<0.0001	<0.001	2	0.013	0.009	<0.001	0.017	<0.00005	1	0.003	<3	<0.05	<1	<5	0.012	260	31	0.015	0.43	<0.005	<0.01	66	3.7	<0.1	5.2	2.7	33	<0.5	5.2
Clematis Sandstone	C14011SF	C14011SP	23/11/2016	160	6.2	<20	<20	<130	<3	<0.005	<0.001	0.098	<0.0001	<0.001	2	0.035	<0.005	<0.001	0.015	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.01	260	19	<0.005	0.41	<0.005	<0.01	66	4.8	<0.1	5.6	2.9	33	<0.5	5.6
Clematis Sandstone	C14011SF	C14011SP	21/04/2017	160	6.2	<20	<20	<125	<3	0.005	<0.001	0.09	<0.0001	0.0011	2	0.052	0.008	<0.001	0.014	<0.00005	<1	0.004	<3	<0.05	<1	<5	3.3	270	22	0.03	0.43	<0.005	0.01	65	4.3	<0.1	5.1	2.4	40	<0.5	4.8
Clematis Sandstone	C14012SF	C14012SP	25/09/2014	290	7.6	<40	<50	<650	<3	<0.005	<0.003	0.094	<0.0001	<0.001	1	<0.001	0.26	<0.001	0.053	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	480	140	<0.005	<0.005	<0.005	0.08	68	3	0.4	2.5	8.9	74	3.8	5.3
Clematis Sandstone	C14012SF	C14012SP	18/11/2014	290	7.7	<40	<50	<400	<3	<0.005	0.013	0.11	0.0001	<0.001	<1	<0.001	0.009	<0.001	0.026	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	490	130	<0.005	0.012	0.009	0.06	70	3	0.4	2.4	8.7	78	<0.5	5.3
Clematis Sandstone	C14012SF	C14012SP	3/02/2015	290	7.5	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.006	<0.00005	<1	<0.001	<3	<0.05	<0.5	5	<0.005	490	130	<0.005	0.052	<0.005	0.07	69	3	0.4	2.2	8.8	77	<0.5	5.1
Clematis Sandstone	C14012SF	C14012SP	25/03/2015	290	7.4	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.011	<0.00005	<1	<0.001	<3	<0.05	<0.5	5	<0.005	480	130	<0.005	0.059	<0.005	0.06	78	3	0.4	2.4	8.4	80	<0.5	5.6
Clematis Sandstone	C14012SF	C14012SP	23/05/2015	280	7.6	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	<1	<0.001	0.013	<0.001	0.007	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	460	130	<0.005	<0.005	<0.005	0.07	73	3.1	0.4	2.4	9.1	82	<0.5	5
Clematis Sandstone	C14012SF	C14012SP	24/07/2015	290	7.6	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	<1	<0.001	0.036	<0.001	0.01	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	480	170	0.006	<0.005	<0.005	0.06	79	2.9	0.4	2.2	9	75	-	5.1
Clematis Sandstone	C14012SF	C14012SP	10/09/2015	280	7.6	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.007	<0.00005	<1	<0.001	<3	<0.05	<1	6	<0.005	470	130	<0.005	0.049	<0.005	0.06	67	2.9	0.4	2.3	8.4	77	<0.5	5.1
Clematis Sandstone	C14012SF	C14012SP	23/11/2015	290	7.5	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	<1	<0.001	0.011	<0.001	0.006	<0.00005	<1	<0.001	<3	<0.05	<1	7	0.019	480	130	<0.005	0.11	<0.005	0.07	67	3	0.4	2.3	8.5	77	<0.5	4.9
Clematis Sandstone	C14012SF	C14012SP	27/02/2016	290	7.5	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.032	<0.001	0.007	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.012	480	140	<0.005	<0.005	<0.005	0.06	69	3.1	0.4	2.4	8.6	88	0.9	1.9
Clematis Sandstone	C14012SF	C14012SP	18/04/2016	280	7.6	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.067	<0.001	0.004	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	470	130	<0.005	0.026	<0.005	0.14	70	3	0.4	2.4	8.3	88	0.8	3.6
Clematis Sandstone	C14012SF	C14012SP	5/07/2016	290	7.7	<10	-	-	-	<0.005	<0.001	0.09	<0.0001	<0.001	<1	<0.001	0.008	<0.001	0.002	<0.00005	<1	<0.001	<3	<0.05	<1	7	<0.005	480	140	0.008	0.064	<0.005	0.07	70	2.8	0.5	2.1	8.3	83	<0.5	4.8
Clematis Sandstone	C14012SF	C14012SP	23/11/2016	290	7.5	<20	<20	<130	<3	<0.005	<0.001	0.11	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.003	<0.00005	<1	<0.001	<3	<0.05	<1	8	<0.005	480	140	<0.005	0.036	<0.005	0.05	69	3.1	0.4	2.3	8.7	87	<0.5	5.5
Clematis Sandstone	C14013SF	C14013SP	25/09/2014	250	6	<40	<50	<650	<3	0.023	<0.003	0.095	0.0001	<0.001	4	0.008	0.017	<0.001	0.024	<0.00005	<1	0.01	<3	<0.05	<0.5	<5	0.045	410	12	<0.005	0.64	<0.005	<0.02	110	1.5	<0.1	9.6	7.8	52	<0.5	11
Clematis Sandstone	C14013SF	C14013SP	18/11/2014	250	6	<800	<1000	<400	<30	0.021	0.008	0.11	0.0002	<0.001	4	<0.001	0.053	<0.001	0.027	<0.00005	<1	0.009	<3	<0.05	<0.5	<5	0.04	410	12	<0.005	0.62	<0.005	<0.02	110	1.8	<0.1	9.1	7.3	51	<0.5	10
Clematis Sandstone	C14013SF	C14013SP	3/02/2015	250	5.8	<40	<50	<400	<3	0.015	<0.003	0.11	<0.0001	<0.001	4	0.011	<0.005	0.005	0.019	<0.00005	<1	0.008	<3	<0.05	<0.5	<5	0.045	410	10	<0.005	0.68	<0.005	<0.02	110	1.3	<0.1	8.7	7.2	49	<0.5	9.7
Clematis Sandstone	C14013SF	C14013SP	23/03/2015	250	5.7	<40	<50	<400	<3	<0.005	<0.003	0.1	<0.0001	<0.001	4	0.011	<0.005	0.002	0.02	<0.00005	<1	0.009	<3	<0.05	<0.5	<5	0.046	410	10	<0.005	0.48	<0.005	<0.02	110	1.2	<0.1	9.4	6.9	57	<0.5	10
Clematis Sandstone	C14013SF	C14013SP	23/05/2015	240	5.9	<10	-	-	-	0.011	<0.001	0.11	<0.0001	<0.001	4	0.014	<0.005	0.003	0.018	<0.0001	<1	0.008	<3	<0.05	<1	<5	0.039	400	13	<0.005	0.36	<0.005	0.01	120	1.3	<0.1	9.2	7.4	51	<0.5	10
Clematis Sandstone	C14013SF	C14013SP	24/07/2015	9	6.1	<10	-	-	-	0.013	<0.001	0.09	<0.0001	<0.001	4	0.016	0.011	<0.001	0.02	<0.00005	<1	0.009	<3	<0.05	<1	<5	0.037	16	130	0.005	0.39	<0.005	<0.01	110	1.2	<0.1	8.6	7.5	51	-	9.5
Clematis Sandstone	C14013SF	C14013SP	10/09/2015	240	5.9	<10	-	-	-	0.01	<0.001	0.11	<0.0001	<0.001	4	0.016	0.005	<0.001	0.018	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.095	400	10	<0.005	0.41	<0.005	<0.01	110	1.2	<0.1	9	7.1	52	<0.5	9.7
Clematis Sandstone	C14013SF	C14013SP	23/11/2015	230	5.8	<10	-	-	-	0.007	<0.001	0.11	<0.0001	<0.001	4	0.012	0.011	<0.001	0.018	<0.00005	<1	0.009	<3	<0.05	<1	<5	0.043	390	9	<0.005	0.77	<0.005	0.01	100	1.2	<0.1	9	6.9	49	<0.5	9.2
Clematis Sandstone	C14013SF	C14013SP	27/02/2016	240	5.9	<10	-	-	-	0.01	<0.001	0.12	<0.0001	<0.001	4	0.014	0.005	<0.001	0.019	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.036	400	9	<0.005	0.74	<0.005	<0.01	110	1.3	0.2	9.3	7.1	51	<0.5	10
Clematis Sandstone	C14013SF	C14013SP	18/04/2016	240	6	<10	-	-	-	0.011	<0.001	0.12	<0.0001	<0.001	4	0.015	0.007	<0.001	0.017	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.028	400	12	<0.005	0.55	<0.005	<0.01	80	1.2	<0.1	9.2	6.9	51	<0.5	9.9
Clematis Sandstone	C14013SF	C14013SP	5/07/2016	240	6	<10	-	-	-	0.012	<0.001	0.09	<0.0001	<0.001	4	0.016	<0.005	<0.001	0.018	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.028	400	13	<0.005	0.71	<0.005	<0.01	110	1.2	<0.1	8.7	6.9	49	<0.5	9.4
Clematis Sandstone	C14013SF	C14013SP	23/11/2016	240	6	<20	<20	<130	<3	0.008	<0.001	0.12	<0.0001	<0.001	4	0.014	<0.005	<0.001	0.018	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.023	400	11	<0.005	0.55	<0.005	<0.01	110	1.3	<0.1	9.5	7.3	48	<0.5	10
Clematis Sandstone	C14013SF	C14013SP	20/04/2017	240	5.9	<20	<20	<125	<3	0.008	<0.001	0.11	<0.0001	<0.001	4	0.014	<0.005	<0.001	0.016	<0.00005	<1	0.008	<3	<0.05	<1	<5	0.033	410	11	<0.005	0.47	<0.005	0.02	110	1.2	<0.1	8.8	6.3	49	<0.5	9.4
Clematis Sandstone	C14021SF	C14021SP	27/09/2014	370	6.8	<40	<50	<650	<3	0.005	<0.003	0.11	<0.0001	<0.001	<1	<0.001	0.006	<0.001	<0.005	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.005	620	41	<0.005	0.077	<0.005	0.02	140	5.1	0.1	11	18	68	<0.5	21
Clematis Sandstone	C14021SF	C14021SP	20/11/2014	430	6.5	<40	<50	<400	<3	0.005	0.003	0.13	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.018	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.007	710	41	<0.005	0.076	<0.005	0.03	150	5.2	0.1	11	17	70	<0.1	19
Clematis Sandstone	C14021SF	C14021SP	7/02/2015	400	6.8	<40	<50	<400	<3	<0.005	<0.003	0.14	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.005	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	670	71	<0.005	0.16	<0.005	<0.02	150	4.9	0.1	11	19	81	<0.5	21
Clematis Sandstone	C14021SF	C14021SP	29/03/2015	360	6.6	<40	<50	<400	<3	<0.005	<0.003	0.13	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.005	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.018	600	42	<0.005	0.12	<0.005	<0.02	150	4.7	0.1	11	17	76	<0.5	20
Clematis Sandstone	C14021SF	C14021SP	29/05/2015	360	6.7	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	0.002	<0.005	<0.001	0.001	<0.0001	<1	0.001	<3	<0.05	<1	<5	0.015	600	43	<0.005	0.16	<0.005	<0.01	150	4.5	0.1	11	16	73	<0.5	19
Clematis Sandstone	C14021SF	C14021SP	22/07/2015	23	6.7	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	<1	0.001	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	39	39	0.005	0.17	<0.005	<0.01	150	4.4	0.1	10	18	67	-	19
Clematis Sandstone	C14021SF	C14021SP	12/09/2015	360	6.7	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	0.005	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.011	600	45	0.005	0.14	<0.005	<0.01	150	4.5	0.1	11	17	77	<0.5	19
Clematis Sandstone	C14021SF	C14021SP	27/11/2015	340	6.6	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	0.003	0.015	<0.001	0.002	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.049	570	38	0.006	0.16	<0.005	0.01	140	4.6	0.1	11	17	70	<0.5	19
Clematis Sandstone	C14021SF	C14021SP	29/02/2016	350	6.6	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.026	580	39	0.011	0.16	<0.005	<0.01	140	4.6	0.1	11	17	79	<0.5	20
Clematis Sandstone	c14021sp_	C14021SP	21/04/2016	360	6.7	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	0.003	<0.005	<0.001	0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.028	600	47	<0.005	0.061	<0.005	<0.01	91	4.2	0.1	10	16	66	<0.5	18
Clematis Sandstone	C14021SF	C14021SP	8/07/2016	370	6.7	<10	-	-	-	<0.005	<0.001	0.12	<0.0001	<0.001	<1	0.003	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.005	620	48	0.017	0.077	<0.005	<0.01	110	4.3	0.1	10	17	73	<0.5	19
Clematis Sandstone	C14021SF	C14021SP	25/11/2016	360	6.6	<20	<20	<125	<3	<0.005	<0.001	0.13	<0.0001	<0.001	<1	0.02	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.01	600	41	0.007	0.33	<0.005	<0.01	140	4.5	0.1	11	17	71	<0.5	19
Clematis Sandstone	C14021SF	C14021SP	24/04/2017	360	6.5	<20	<20	<125	<3	<0.005	<0.001	0.11	<0.0001	<0.001	<1	0.004	<0.005	<0.001	<0.001	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.075	610	37	<0.005	0.17	<0.005	<0.01	140	4.4	0.1	11	15	75	<0.5	19
Clematis Sandstone	C14033SF	C14033SP	25/05/2015	300	7.4	<10	-	-	-	0.008	0.001	0.09	<0.0001	<0.001	3	0.01	0.065	0.003	0.18	<0.0001	<1	0.009	<3	<0.05	<1	<5	0.18	490	42	2.9	<0.005	0.15	0.01	130	6.4	0.3	9.8	12	58	<0.5	12
Clematis Sandstone	C14033SF	C14033SP	24/07/2015	220	6.1	<10	-	-	-	0.009	<0.001	0.07	<0.0001	<0.001	2	0.002	<0.005	<0.001	0.018	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.062	370	11	0.022	0.68	<0.005	<0.01	110	2.2	<0.1	8.6	11	42	-	3.8
Clematis Sandstone	C14033SF	C14033SP	8/09/2015	220	6.3	<10	-	-	-	<0.005	<0.001	0.071	<0.0001	<0.001	2	0.002	0.007	<0.001	0.019	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.051	360	14	<0.005	0.051	0.015	0.01	110	2.3	<0.1	9.4	10	43	<0.5	3.8
Clematis Sandstone	C14033SF	C14033SP	25/11/2015	220	6	<10	-	-	-	<0.005	<0.001	0.07	<0.0001	<0.001	2	0.001	0.013	<0.001	0.009	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.013	370	12	<0.005	0.74	<0.005	0.01	99	2.2	<0.1	9.1	10	41	<0.5	3.5
Clematis Sandstone	C14033SF	C14033SP	27/02/2016	230	6.2	<10	-	-	-	<0.005	<0.001	0.078	<0.0001	<0.001	2	0.003	<0.005	<0.001	0.008	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.018	380	14	<0.005	0.67	<0.005	0.02	99	2.2	<0.1	9.3	10	43	<0.5	3.8
Clematis Sandstone	C14033SF	C14033SP	19/04/2016	220	6.1	<10	-	-	-	<0.005	<0.001	0.074	<0.0001	<0.001	2	0.001	<0.005	<0.001	0.005	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.012	370	5	<0.005	0.67	<0.005	0.02	100	2.1	<0.1	9.2	9.9	43	<0.5	3.7
Clematis Sandstone	C14033SF	C14033SP	5/07/2016	210	6	<10	-	-	-	<0.005	<0.001	0.07	<0.0001	<0.001	2	0.001	0.005	<0.001	0.006	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.014	350	9	<0.005	0.63	<0.005	0.01	94	2	<0.1	8.8	10	41	<0.5	3.7
Clematis Sandstone	C14033SF	C14033SP	22/11/2016	220	6.2	<20	<20	<130	<3	<0.005	<0.001	0.073	<0.0001	<0.001	2	0.002	<0.005	<0.001	0.006	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.022	370	14	<0.005	0.52	<0.005	<0.01	99	2.2	<0.1	9.6	11	40	<0.5	4
Clematis Sandstone	C14033SF	C14033SP	20/04/2017	220	6.1	<20	<20	<125	<3	<0.005	<0.001	0.07	<0.0001	<0.001	2	<0.001	<0.005	<0.001	0.005	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.013	370	14	<0.005	0.57	<0.005	0.01	100	2.1	<0.1	9.1	9.1	42	<0.5	3.9
Clematis Sandstone	C180118S	C180118S	28/04/2014	213	7.84	<20	<20	<100	<1	0.02	<0.001	0.09	<0.0001	<0.001	2	<0.001	0.08	<0.001	0.046	<0.0001	<1	0.017	<10	<1	<1	<10	0.072	328	46	-	-	-	0.04	69	2	0.1	4	3	53	<0.1	9
Clematis Sandstone	C180118S	C180118S	27/05/2014	197	6.68	<20	<20	<100	<1	<0.01	<0.001	0.08	<0.0001	<0.001	2	0.004	0.08	0.001	0.028	<0.0001	<1	0.013	<10	<1	<1	<10	0.097	303	30	-	-	-	0.01	61	1	<0.1	4	3	49	<0.1	8
Clematis Sandstone	C180118S	C180118S	1/08/2014	160	6.4	<400	<500	<400	<30	0.006	<0.003	0.081	<0.0001	<0.001	1	0.009	0.056	<0.001	0.021	<0.0001	<1	0.013	<3	<0.05	<0.5	<5	0.058	270	23	0.67	0.44	<0.005	<0.02	60	1.2	<0.1	3.3	2.6	40	-	6.9
Clematis Sandstone	C180118S	C180118S	23/09/2014	150	6.3	<40	<50	<650	<3	0.01	<0.003	0.062	<0.0001	<0.001	1	0.007	0.054	<0.001	0.02	<0.00005	<1	0.011	<3	<0.05	<0.5	<5	0.051	250	32	0.45	0.52	<0.005	<0.02	59	1.1	<0.1	3.2	2.6	36	<0.5	6.4
Clematis Sandstone	C180118S	C180118S	17/11/2014	150	6.3	<40	<50	<400	<3	0.01	0.014	0.084	0.0001	<0.001	1	0.005	0.044	<0.001	0.024	<0.00005	<1	0.009	<3	<0.05	<0.5	<5	0.05	250	35	0.24	0.54	0.013	<0.02	61	1.2	<0.1	3.3	2.6	36	<0.5	6.1
Clematis Sandstone	C180118S	C180118S	5/02/2015	140	5.9	<40	<50	<400	<3	0.016	<0.003	0.08	<0.0001	<0.001	2	0.031	0.04	0.001	0.021	<0.00005	<1	0.018	<3	<0.05	<0.5	<5	0.05	240	12	0.005	0.69	<0.005	<0.02	56	1	<0.1	3.1	2.6	33	<0.5	5.3
Clematis Sandstone	C180118S	C180118S	24/03/2015	140	5.8	<40	<50	<400	<3	<0.005	<0.003	0.076	<0.0001	<0.001	1	0.035	0.026	<0.001	0.019	<0.00005	<1	0.012	<3	<0.05	<0.5	<5	0.047	230	11	<0.005	0.52	<0.005	<0.02	59	0.8	<0.1	3.3	2.4	36	<0.5	5.3
Clematis Sandstone	C180118S	C180118S	25/05/2015	140	6.1	<10	-	-	-	0.024	<0.001	0.07	<0.0001	<0.001	1	0.057	0.022	<0.001	0.018	<0.0001	<1	0.008	<3	<0.05	<1	<5	0.035	230	13	0.008	0.32	0.015	<0.01	76	0.9	<0.1	3.3	2.6	32	<0.5	5.5
Clematis Sandstone	HD02	HD02	20/05/2013	426	7.78	<20	<20	<100	<1	<0.01	0.003	0.09	<0.0001	<0.001	<1	<0.001	0.05	<0.001	0.09	<0.0001	<1	<0.001	<10	<1	<1	<10	0.011	588	126	0.15	<0.01	<0.01	0.14	114	2	0.3	1	12	122	<0.1	4
Clematis Sandstone	HD02_201	HD02	29/05/2014	402	7.82	<20	<20	<100	<1	<0.01	0.003	0.1	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.098	<0.0001	<1	<0.001	<10	<1	<1	<10	0.024	618	125	-	-	-	0.18	128	2	0.5	1	14	134	<0.1	5
Clematis Sandstone	HD02	HD02	1/08/2014	380	7.9	<40	<50	<400	<3	<0.005	0.004	0.099	0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.11	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	630	130	0.14	<0.005	<0.005	0.17	110	2.3	0.2	1.4	15	100	-	4.5
Clematis Sandstone	HD02_09-	HD02	25/09/2014	380	7.9	<40	<50	<650	<3	<0.005	0.005	0.08	<0.0001	<0.001	<1	<0.001	0.007	<0.001	0.11	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	630	130	0.14	<0.005	<0.005	0.23	110	2.1	0.3	1.3	16	98	<0.5	4.2
Clematis Sandstone	HD02_201	HD02	19/11/2014	380	7.8	<400	<500	<400	<30	<0.005	0.005	0.11	0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.12	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	630	120	0.15	<0.005	<0.005	0.19	120	2.4	0.3	1.4	16	100	<0.5	4.9
Clematis Sandstone	HD02_201	HD02	6/02/2015	380	7.8	<40	<50	<400	<3	<0.005	0.004	0.1	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	640	130	0.11	<0.005	<0.005	0.19	110	2.3	0.3	1.4	17	120	<0.5	4.3
Clematis Sandstone	HD02_201	HD02	25/03/2015	380	7.8	<40	<50	<400	<3	<0.005	0.005	0.099	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.12	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	640	130	0.14	<0.005	<0.005	0.19	120	2.2	0.3	1.4	15	110	<0.5	4.7
Clematis Sandstone	HD02_201	HD02	26/05/2015	370	7.9	<10	-	-	-	<0.005	0.004	0.09	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.12	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	620	130	0.14	0.009	<0.005	0.17	120	2.2	0.3	1.3	16	100	<0.5	4.7
Clematis Sandstone	HD02_201	HD02	24/07/2015	380	7.9	39	-	-	-	<0.005	0.003	0.13	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.11	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.032	630	130	0.19	<0.005	<0.005	0.19	130	2.2	0.3	1.3	16	100	-	4.6
Clematis Sandstone	HD02_201	HD02	10/09/2015	370	7.9	<10	-	-	-	<0.005	0.004	0.099	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	610	130	0.11	<0.005	<0.005	0.17	120	2.1	0.3	1.3	15	100	<0.5	4.2
Clematis Sandstone	HD02_201	HD02	25/11/2015	360	7.8	<10	-	-	-	<0.005	0.004	0.11	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.12	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	600	130	0.093	0.006	<0.005	0.18	110	2.2	0.3	1.3	15	100	<0.5	4.3
Clematis Sandstone	HD02_160	HD02	29/02/2016	370	7.7	<10	-	-	-	<0.005	0.004	0.1	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	620	130	0.13	<0.005	<0.005	0.17	110	2.2	0.3	1.4	16	120	<0.5	4.6
Clematis Sandstone	hd02_041(	HD02	21/04/2016	380	7.9	<10	-	-	-	<0.005	0.004	0.093	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	630	130	0.12	<0.005	<0.005	0.13	90	1.9	0.3	1.2	14	95	<0.5	4
Clematis Sandstone	HD02_061	HD02	9/07/2016	380	7.8	<10	-	-	-	<0.005	0.004	0.09	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.14	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	640	130	0.13	<0.005	<0.005	0.11	68	2.2	0.3	1.3	16	110	<0.5	4.6
Clematis Sandstone	HD02_11/	HD02	23/11/2016	380	8	<20	<20	<130	<3	<0.005	0.004	0.12	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.14	<0.00005	<1	<0.001	<3	<0.05	<1	<5	1.1	630	130	0.13	<0.005	<0.005	0.17	120	2.4	0.3	1.4	17	120	<0.5	5
Clematis Sandstone	HD02_03/	HD02	24/04/2017	380	7.7	<20	<20	<125	<3	<0.005	0.009	0.09	<0.0001	<0.001	<1	<0.001	0.01	<0.001	0.1	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	640	120	0.13	<0.005	<0.005	0.19	110	2.1	0.3	1.3	14	110	<0.5	4.5
Clematis Sandstone	HD3A	HD03A	27/05/2013	380	8.09	<20	<20	<100	<1	0.03	<0.001	0.14	<0.0001	<0.001	<1	0.002	0.64	<0.001	0.402	<0.0001	<1	<0.001	<10	<1	<1	<10	0.092	759	118	0.24	0.01	<0.01	0.09	158	4	0.3	2	16	143	<0.1	12
Clematis Sandstone	HD03A_2(	HD03A	7/05/2014	477	7.84	<20	<20	<100	<1	<0.01	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.51	<0.001	0.333	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	734	120	-	-	-	0.08	156	4	0.3	2	15	133	<0.1	12
Clematis Sandstone	HD03A_2(	HD03A	27/05/2014	495	8.18	<20	<20	<100	<1	<0.01	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.32	<0.001	0.266	<0.0001	<1	<0.001	<10	<1	<1	<10	0.005	761	125	-	-	-	0.08	152	5	0.2	2	18	143	<0.1	11
Clematis Sandstone	HD03A	HD03A	31/07/2014	430	7.8	<40	<50	<400	<3	<0.005	<0.003	0.13	<0.0001	<0.001	<1	<0.001	0.58	0.001	0.43	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	0.02	720	120	0.18	<0.005	<0.005	0.12	140	3.7	0.2	2.1	16	110	-	11
Clematis Sandstone	HD03A_0(	HD03A	25/09/2014	430	7.8	<40	<50	<650	<3	<0.005	<0.003	0.11	<0.0001	<0.001	<1	<0.001	0.4	<0.001	0.42	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.015	720	110	0.17	<0.005	<0.005	0.12	150	3.7	0.3	2.1	17	110	<0.5	12
Clematis Sandstone	HD03A_2(	HD03A	19/11/2014	430	7.8	<40	<50	<400	<3	<0.005	<0.003	0.13	<0.0001	<0.001	<1	0.018	0.34	0.002	0.42	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.067	720	120	0.19	<0.005	<0.005	0.1	140	4.5	0.2	2.1	18	120	<0.5	12
Clematis Sandstone	HD03A_2(	HD03A	6/02/2015	430	7.7	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001	<0.001	<1	<0.001	0.48	<0.001	0.45	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.021	720	110	0.19	<0.005	<0.005	0.09	140	3.9	0.3	2.2	18	130	<0.5	12
Clematis Sandstone	HD03A_2(	HD03A	25/03/2015	430	7.7	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001	<0.001	1	<0.001	0.2	<0.001	0.42	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.011	720	120	0.17	<0.005	<0.005	0.09	150	3.8	0.3	2.1	16	120	<0.5	12
Clematis Sandstone	HD03A_2(	HD03A	26/05/2015	420	7.7	<10	-	-	-	<0.005	0.001	0.11	<0.0001	<0.001	<1	<0.001	0.43	<0.001	0.4	<0.0001	<1	<0.001	<3	<0.05	<1	<5	0.009	700	120	0.22	<0.005	<0.005	0.1	150	3.7	0.3	2.1	17	110	<0.5	12
Clematis Sandstone	HD03A_2(	HD03A	24/07/2015	430	7.7	<10	-	-	-	<0.005	<0.001	0.14	<0.0001	<0.001	<1	<0.001	0.47	<0.001	0.41	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.011	710	120	0.22	<0.005	<0.005	0.1	150	3.7	0.2	2	17	110	-	11
Clematis Sandstone	HD03A_1(	HD03A	29/02/2016	420	7.6	<10	-	-	-	<0.005	<0.001	0.13	<0.0001	<0.001	<1	<0.001	0.4	<0.001	0.42	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.02	710	120	0.13	<0.005	<0.005	0.09	140	3.8	0.2	2.1	17	130	<0.5	11
Clematis Sandstone	HD03A_11	HD03A	23/11/2016	430	7.8	<20	<20	<125	<3	<0.005	<0.001	0.13	<0.0001	<0.001	<1	<0.001	0.3	<0.001	0.39	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.008	710	120	0.15	<0.005	<0.005	0.07	140	4.1	0.2	2.2	18	130	<0.5	12
Clematis Sandstone	HD03A_0:	HD03A	24/04/2017	430	7.4	<20	<20	<125	<3	<0.005	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.36	<0.001	0.43	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.013	720	110	0.15	<0.005	<0.005	0.09	140	3.7	0.2	2.1	15	120	<0.5	11

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Colinlea Sandstone - D Seam	COO6P3r	C006P3R	3/10/2011	587	8.32	<20	<20	<100	<1	0.14	0.004	0.18	<0.0001	<0.001	<1	<0.001	0.8	<0.001	0.046	<0.0001	2	<0.001	<10	<1	<1	<10	<0.005	1000	491	0.34	0.02	<0.01	0.08	58	9	2.2	4	4	246	<0.1	1
Colinlea Sandstone - D Seam	C006P3R-	C006P3R	10/11/2011	568	8.04	<20	<20	<100	<1	0.1	0.003	0.13	<0.0001	0.003	<1	<0.001	0.44	<0.001	0.036	<0.0001	2	<0.001	<10	<1	<1	<10	<0.005	1030	458	0.33	0.02	<0.01	0.02	56	9	2.2	3	5	197	<0.1	<1
Colinlea Sandstone - D Seam	C006P3r	C006P3R	12/11/2011	620	8.18	<20	<20	<100	<1	0.13	0.003	0.12	<0.0001	0.001	<1	<0.001	0.41	<0.001	0.038	<0.0001	2	0.003	<10	<1	<1	<10	0.009	1020	454	0.31	<0.01	<0.01	0.21	59	9	2.4	3	5	209	<0.1	<1
Colinlea Sandstone - D Seam	C006P3R	C006P3R	23/05/2013	541	8.24	<20	<20	<100	<1	<0.01	0.002	0.17	<0.0001	<0.001	<1	0.002	0.27	<0.001	0.032	<0.0001	1	0.002	<10	<1	<1	<10	0.01	973	430	0.4	0.01	<0.01	0.08	55	8	2.3	3	4	208	<0.1	<1
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	6/05/2014	623	8.54	<20	<20	<100	<1	<0.01	0.001	0.14	<0.0001	0.002	<1	<0.001	0.32	<0.001	0.025	<0.0001	1	<0.001	<10	<1	<1	<10	0.019	959	432	-	-	-	0.06	59	9	2.3	3	4	229	<0.1	<1
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	27/05/2014	640	8.44	<20	<20	<100	<1	<0.01	<0.001	0.14	<0.0001	<0.001	<1	<0.001	0.23	<0.001	0.027	<0.0001	1	<0.001	<10	<1	<1	<10	0.007	984	444	-	-	-	0.03	49	8	2.4	3	4	210	<0.1	<1
Colinlea Sandstone - D Seam	C006P3R	C006P3R	3/08/2014	570	8.2	<40	<50	<400	<3	<0.005	<0.003	0.14	<0.0001	<0.001	<1	<0.001	0.21	<0.001	0.023	<0.0001	<1	<0.001	4	<0.05	<0.5	<5	<0.005	950	430	0.31	<0.005	<0.005	0.03	53	9.1	2.3	2.9	5.2	190	-	<0.5
Colinlea Sandstone - D Seam	C006P3r_0	C006P3R	25/09/2014	570	8.2	<40	<50	<650	<3	<0.005	<0.003	0.12	<0.0001	<0.001	<1	<0.001	0.17	<0.001	0.022	<0.00005	1	<0.001	<3	<0.05	<0.5	<5	<0.005	950	420	0.28	<0.005	<0.005	0.03	54	9.2	2.4	2.9	5.6	190	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_2	C006P3R	19/11/2014	560	8.1	<40	<50	<400	<3	0.006	<0.003	0.14	<0.0001	<0.001	<1	<0.001	0.16	<0.001	0.024	<0.00005	1	<0.001	<3	<0.05	<0.5	<5	<0.005	940	420	0.29	<0.005	<0.005	0.03	52	9.1	2.1	2.9	5.4	190	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_2	C006P3R	6/02/2015	570	8	<40	<50	<400	<3	0.031	<0.003	0.14	<0.0001	<0.001	<1	<0.001	0.18	<0.001	0.024	<0.00005	1	<0.001	<3	<0.05	<0.5	<5	<0.005	950	420	0.28	<0.005	<0.005	0.03	55	9.4	2.4	2.9	5.7	220	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_2	C006P3R	26/03/2015	570	8.1	<40	<50	<400	<3	<0.005	<0.003	0.13	<0.0001	<0.001	<1	<0.001	0.12	<0.001	0.025	<0.00005	1	<0.001	<3	<0.05	<0.5	<5	<0.005	950	440	0.28	<0.005	<0.005	0.03	55	9.1	2.3	2.9	5	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_2	C006P3R	27/05/2015	550	8.1	<10	-	-	-	0.011	<0.001	0.13	<0.0001	<0.001	<1	<0.001	0.14	<0.001	<0.001	<0.0001	1	<0.001	<3	<0.05	<1	<5	<0.005	920	450	0.34	0.014	<0.005	0.03	58	9.3	2.4	2.9	5.4	190	<0.5	1
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	23/07/2015	560	8.1	<10	-	-	-	0.006	<0.001	0.12	<0.0001	<0.001	<1	<0.001	0.14	<0.001	0.02	<0.00005	1	<0.001	<3	<0.05	<1	<5	0.079	940	440	0.31	<0.005	<0.005	0.03	58	9.2	2.4	2.8	5.8	190	-	<0.5
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	9/09/2015	560	8.1	<10	-	-	-	0.007	<0.001	0.14	<0.0001	<0.001	<1	<0.001	0.09	<0.001	0.007	<0.00005	1	<0.001	<3	<0.05	<1	<5	0.006	930	440	0.28	<0.005	<0.005	0.03	61	9.1	2.4	2.9	5.1	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_2	C006P3R	25/11/2015	550	8.1	<10	-	-	-	0.005	<0.001	0.14	<0.0001	<0.001	<1	<0.001	0.13	<0.001	0.01	<0.00005	1	0.002	<3	<0.05	<1	<5	0.006	920	430	0.3	0.016	<0.005	0.03	53	9.2	2.2	2.8	5.2	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3r_1	C006P3R	24/02/2016	550	8.1	<10	-	-	-	<0.005	<0.001	0.15	<0.0001	<0.001	<1	<0.001	0.12	<0.001	0.02	<0.00005	1	0.002	<3	<0.05	<1	<5	<0.005	920	430	0.22	<0.005	<0.005	0.03	52	9.3	2.3	2.9	5.1	220	<0.5	<0.5
Colinlea Sandstone - D Seam	c006p3r_0	C006P3R	20/04/2016	580	8.3	<10	-	-	-	<0.005	<0.001	0.13	<0.0001	<0.001	<1	<0.001	0.14	<0.001	0.022	<0.00005	<1	0.001	<3	<0.05	<1	<5	<0.005	960	440	0.22	<0.005	<0.005	0.03	27	8.3	2.3	2.6	4.7	180	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	7/07/2016	570	8.1	<10	-	-	-	<0.005	<0.001	0.14	<0.0001	<0.001	<1	<0.001	0.088	<0.001	0.022	<0.00005	1	<0.001	<3	<0.05	<1	<5	<0.005	960	470	0.27	<0.005	<0.005	0.02	52	8.9	2.3	2.7	5	210	<0.5	<0.5
Colinlea Sandstone - D Seam	C006P3R_	C006P3R	25/11/2016	560	8.2	<20	<20	<125	<3	0.006	<0.001	0.14	<0.0001	<0.001	<1	0.002	0.13	<0.001	0.021	<0.00005	1	<0.001	<3	<0.05	<1	<5	<0.005	930	440	0.25	0.006	<0.005	0.01	54	9.2	2.2	2.8	5.3	220	<0.5	<0.5
Colinlea Sandstone - D Seam	C007P3	C007P3	4/10/2011	809	8.23	50	50	<100	<1	0.32	0.004	0.22	<0.0001	<0.001	<1	0.004	0.18	<0.001	0.052	<0.0001	19	<0.001	<10	<1	2	<10	<0.005	1230	487	0.3	0.01	<0.01	0.14	61	10	2.6	3	4	297	0.2	59
Colinlea Sandstone - D Seam	C007P3	C007P3	10/11/2011	760	8.31	<20	<20	<100	<1	0.22	0.003	0.22	<0.0001	<0.001	<1	<0.001	0.12	<0.001	0.042	<0.0001	19	<0.001	<10	<1	2	<10	0.01	1220	548	0.43	0.02	<0.01	0.05	49	6	2.6	3	6	253	1.3	45
Colinlea Sandstone - D Seam	C007P3	C007P3	23/05/2013	627	8.35	<20	<20	110	<1	0.02	0.002	0.23	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.054	<0.0001	5	<0.001	<10	<1	1	<10	<0.005	1080	488	0.41	0.01	<0.01	0.02	40	6	2.3	3	4	237	0.1	23
Colinlea Sandstone - D Seam	C007P3_2	C007P3	6/05/2014	689	8.8	<20	<20	<100	<1	<0.01	0.002	0.12	<0.0001	0.004	<1	<0.001	<0.05	<0.001	0.056	<0.0001	2	<0.001	<10	<1	<1	<10	<0.005	1060	504	-	-	-	0.07	43	8	2.3	3	5	264	0.6	<1
Colinlea Sandstone - D Seam	C007P3_2	C007P3	27/05/2014	702	8.5	<20	<20	<100	<1	<0.01	<0.001	0.13	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.054	<0.0001	2	<0.001	<10	<1	<1	<10	0.009	1080	519	-	-	-	0.06	38	8	2.4	3	5	255	3	<1
Colinlea Sandstone - D Seam	C011P3	C011P3	4/10/2011	568	8.45	20	30	<100	<1	<0.01	0.004	0.41	<0.0001	<0.001	2	<0.001	2.59	<0.001	0.218	<0.0001	2	<0.001	<10	<1	<1	<10	<0.005	1020	258	0.21	0.03	<0.01	0.57	164	17	1.2	5	17	180	<0.1	2
Colinlea Sandstone - D Seam	C011P3	C011P3	13/11/2011	608	8.01	<20	<20	<100	<1	0.02	0.002	0.35	<0.0001	<0.001	<1	<0.001	0.88	<0.001	0.09	<0.0001	2	0.001	<10	<1	<1	<10	0.01	1030	278	0.29	0.02	<0.01	<0.01	173	22	1.2	6	14	165	<0.1	<1
Colinlea Sandstone - D Seam	C011P3_2	C011P3	26/05/2014	656	8.1	<20	<20	<100	<1	<0.01	<0.001	0.41	<0.0001	<0.001	<1	<0.001	0.41	<0.001	0.056	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1010	238	-	-	-	0.04	179	27	1.4	5	9	171	<0.1	<1
Colinlea Sandstone - D Seam	C011P3	C011P3	31/07/2014	580	8.1	<40	<50	<400	<3	<0.005	<0.003	0.42	<0.0001	<0.001	<1	0.001	0.25	0.001	0.038	<0.0001	<1	0.002	<3	<0.05	<0.5	<5	<0.005	960	230	0.26	0.01	<0.005	0.04	160	26	1.4	5	11	140	-	0.6
Colinlea Sandstone - D Seam	CO11P3_0	C011P3	23/09/2014	570	8.1	<40	<50	<650	<3	0.005	<0.003	0.4	<0.0001	<0.001	<1	<0.001	0.22	<0.001	0.015	<0.00005	<1	0.005	<3	<0.05	<0.5	<5	<0.005	950	230	0.23	<0.005	0.007	0.09	160	26	1.3	5.1	11	140	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_2	C011P3	18/11/2014	570	8	<40	<50	<400	<3	0.007	<0.003	0.42	<0.0001	<0.001	<1	<0.001	0.46	<0.001	0.045	<0.00005	<1	0.001	<3	<0.05	<0.5	<5	0.015	950	230	0.26	<0.005	<0.005	0.13	160	26	1.2	4.9	11	140	<0.5	<0.5
Colinlea Sandstone - D Seam	CO11P3_2	C011P3	5/02/2015	560	7.9	<40	<50	<400	<3	0.006	<0.003	0.42	<0.0001	<0.001	<1	<0.001	0.23	<0.001	0.032	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.005	940	220	0.25	<0.005	<0.005	<0.02	160	24	1.2	4.5	11	140	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_2	C011P3	24/03/2015	560	7.9	<40	<50	<400	<3	<0.005	<0.003	0.42	<0.0001	<0.001	<1	<0.001	0.33	<0.001	0.038	<0.00005	<1	0.001	<3	<0.05	<0.5	<5	<0.005	930	230	0.26	<0.005	<0.005	0.02	160	25	1.2	4.8	9.9	150	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_2	C011P3	26/07/2015	560	7.9	<10	-	-	-	<0.005	<0.001	0.43	<0.0001	<0.001	<1	<0.001	0.2	<0.001	0.037	<0.00005	<1	0.002	<3	<0.05	<1	<5	<0.005	940	240	0.27	0.009	<0.005	0.03	170	25	1.2	4.7	11	140	-	<0.5
Colinlea Sandstone - D Seam	C011P3_2	C011P3	8/09/2015	550	8	<10	-	-	-	0.006	<0.001	0.41	<0.0001	<0.001	<1	<0.001	0.034	<0.001	0.038	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.027	920	230	0.24	0.015	<0.005	0.03	170	26	1.2	5	10	150	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_2	C011P3	24/11/2015	540	7.9	<10	-	-	-	<0.005	<0.001	0.42	<0.0001	<0.001	<1	<0.001	0.34	<0.001	0.042	<0.00005	<1	0.001	<3	<0.05	<1	<5	<0.005	890	230	0.18	0.03	<0.005	0.03	160	26	1.2	4.8	10	150	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_1	C011P3	25/02/2016	550	7.9	<10	-	-	-	<0.005	<0.001	0.45	<0.0001	<0.001	<1	<0.001	0.047	<0.001	0.026	<0.00005	<1	0.001	<3	<0.05	<1	<5	<0.005	920	230	0.14	<0.005	<0.005	0.04	150	26	1.2	4.9	10	160	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_0	C011P3	19/04/2016	550	8	<10	-	-	-	<0.005	<0.001	0.46	<0.0001	<0.001	<1	<0.001	0.024	<0.001	0.036	<0.00005	<1	0.002	<3	<0.05	<1	<5	<0.005	920	230	0.21	<0.005	<0.005	0.08	160	25	1.2	4.9	10	170	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_0	C011P3	6/07/2016	580	8	<10	-	-	-	<0.005	<0.001	0.4	<0.0001	<0.001	<1	<0.001	0.054	<0.001	0.025	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	960	230	0.17	<0.005	<0.005	0.02	160	24	1.2	4.6	10	150	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3_1	C011P3	22/11/2016	570	8	<20	<20	<125	<3	<0.005	<0.001	0.44	<0.0001	<0.001	<1	<0.001	0.1	<0.001	0.025	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	940	230	0.19	<0.005	<0.005	0.02	160	25	1.2	4.9	11	160	<0.5	<0.5
Colinlea Sandstone - D Seam	C011P3	C011P3	20/04/2017	560	7.7	<20	<20	<125	<3	<0.005	<0.001	0.42	<0.0001	<0.001	<1	<0.001	0.036	<0.001	0.015	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	940	220	0.22	<0.005	<0.005	0.03	160	23	1.1	4.5	9.4	150	1.2	<0.5
Colinlea Sandstone - D Seam	CO18P3	C018P3	2/10/2011	651	7.81	<20	<20	<100	<1	0.05	0.002	0.35	<0.0001	<0.001	1	<0.001	0.59	<0.001	0.122	<0.0001	1	<0.001	<10	<1	<1	<10	<0.005	1050	179	0.32	0.03	<0.01	0.09	213	22	1.2	6	9	189	<0.1	13
Colinlea Sandstone - D Seam	C018P3	C018P3	9/11/2011	523	7.35	<20	<20	<100	<1	0.05	0.001	0.29	<0.0001	0.002	<1	<0.001	0.89	<0.001	0.09	<0.0001	<1	0.002	<10	<1	<1	<10	0.014	1040	188	0.21	0.02	<0.01	0.05	211	24	1.2	6	12	156	<0.1	15
Colinlea Sandstone - D Seam	CO18P3-I	C018P3	9/11/2011	554	7.51	<20	<20	<100	<1	0.06	0.001	0.28	<0.0001	0.002	<1	<0.001	0.4	<0.001	0.109	<0.0001	1	<0.001	<10	<1	<1	<10	<0.005	1040	204	0.06	0.02	<0.01	0.07	211	23	1.2	6	13	158	0.1	10
Colinlea Sandstone - D Seam	C018P3	C018P3	19/05/2013	653	7.36	<20	<20	<100	<1	<0.01	0.001	0.3	<0.0001	<0.001	1	<0.001	0.46	<0.001	0.055	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	948	169	0.16	<0.01	<0.01	0.12	213	23	1.1	6	8	174	<0.1	15
Colinlea Sandstone - D Seam	C018P3_2	C018P3	1/05/2014	663	7.52	<20	<20	<100	<1	<0.01	<0.001	0.32	<0.0001	<0.001	<1	<0.001	0.93	<0.001	0.048	<0.0001	<1	<0.001	<10	<1	<1	<10	0.008	1020	187	-	-	-	0.05	226	24	1.1	6	8	182	<0.1	14
Colinlea Sandstone - D Seam	C018P3_2	C018P3	26/05/2014	696	7.72	<20	<20	<100	<1	<0.01	<0.001	0.3	<0.0001	<0.001	<1	<0.001	0.79	<0.001	0.05	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1070	187	-	-	-	0.04	224	25	1.3	6	9	178	0.4	12
Colinlea Sandstone - D Seam	C018P3	C018P3	3/08/2014	610	7.8	<400	<500	<400	<30	0.014	<0.003	0.33	<0.0001	<0.001	<1	0.013	<0.005	<0.001	0.013	<0.0001	<1	0.002	<3	<0.05	<0.5	<5	0.14	1000	180	<0.005	0.028	<0.005	0.07	200	25	1.2	5.8	12	150	-	14
Colinlea Sandstone - D Seam	C018P3_0	C018P3	23/09/2014	610	7.8	<40	<50	<650	<3	<0.005	<0.003	0.32	<0.0001	<0.001	<1	<0.001	0.022	<0.001	0.05	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	170	0.13	<0.005	<0.005	0.04	200	24	1.2	5.8	12	150	<0.5	15
Colinlea Sandstone - D Seam	C018P3_2	C018P3	18/11/2014	600	7.6	<40	<50	<400	<3	<0.005	<0.003	0.34	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.049	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	180	0.13	<0.005	<0.005	0.06	190	25	1.1	5.7	11	150	<0.5	15
Colinlea Sandstone - D Seam	C018P3_2	C018P3	4/02/2015	600	7.6	<40	<50	<400	<3	<0.005	<0.003	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.007	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	180	0.036	<0.005	<0.005	0.03	190	24	1.1	5.6	12	140	0.8	8.9
Colinlea Sandstone - D Seam	C018P3_2	C018P3	24/03/2015	600	7.6	<40	<50	<400	<3	<0.005	<0.003	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.05	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.31	1000	180	0.13	<0.005	<0.005	0.02	200	24	1.2	5.9	10	160	<0.5	15
Colinlea Sandstone - D Seam	C018P3_2	C018P3	24/05/2015	580	7.7	<10	-	-	-	<0.005	<0.001	0.34	<0.0001	<0.001	<1	<0.001	0.014	<0.001	0.026	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	960	190	0.12	0.008	<0.005	0.05	200	25	1.3	5.7	11	150	<0.5	12
Colinlea Sandstone - D Seam	C018P3_2	C018P3	25/07/2015	600	7.5	<10	-	-	-	<0.005	<0.001	0.32	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.047	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.016	1000	180	0.15	<0.005	<0.005	0.04	200	23	1.2	5.2	11	140	-	13
Colinlea Sandstone - D Seam	C018P3_2	C018P3	8/09/2015	590	7.6	<10	-	-	-	<0.005	<0.001	0.33	<0.0001	<0.001	<1	<0.001	0.12	<0.001	0.046	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.012	990	180	0.11	0.012	<0.005	0.04	200	25	1.2	5.9	11	150	<0.5	14
Colinlea Sandstone - D Seam	C018P3_2	C018P3	24/11/2015	560	7.5	<10	-	-	-	<0.005	<0.001	0.34	<0.0001	<0.001	<1	<0.001	0.007	<0.001	0.05	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.013	940	180	0.11	<0.005	<0.005	0.03	190	25	1.2	5.7	11	150	<0.5	14
Colinlea Sandstone - D Seam	C018P3_1	C018P3	25/02/2016	580	7.6	<10	-	-	-	<0.005	<0.001	0.35	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.046	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.014	970	180	0.11	<0.005	<0.005	0.39	190	25	1.1	5.8	11	170	<0.5	15
Colinlea Sandstone - D Seam	C018P3_0	C018P3	19/04/2016	610	7.7	<10	-	-	-	<0.005	<0.001	0.36	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.045	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	180	0.12	<0.005	<0.005	0.04	200	24	1.2	5.7	11	170	<0.5	15
Colinlea Sandstone - D Seam	C018P3_0	C018P3	6/07/2016	610	7.8	<10	-	-	-	<0.005	<0.001	0.32	<0.0001	<0.001	<1	<0.001	0.016	<0.001	0.04	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.007	1000	210	0.13	<0.005	<0.005	0.03	190	23	1.2	5.4	11	160	<0.5	14
Colinlea Sandstone - D Seam	C018P3_1	C018P3	22/11/2016	610	7.8	<20	<20	<260	<3	<0.005	<0.001	0.36	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.042	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	180	0.12	<0.005	<0.005	0.1	190	26	1.1	6.1	12	170	<0.5	16
Colinlea Sandstone - D Seam	C018P3	C018P3	19/04/2017	610	7.4	<20	<20	<125	<3	<0.005	<0.001	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.04	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.015	1000	190	0.12	<0.005	<0.005	0.02	190	24	1.1	5.6	10	160	<0.5	14
Colinlea Sandstone - D Seam	CO24P3	C024P3	6/10/2011	1150	6.52	460	490	<100	5	<0.01	0.007	0.3	<0.0001	<0.001	1	<0.001	14.8	<0.001	0.261	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1710	307	<0.01	<0.01	<0.01	0.07	351	27	0.4	51	17	270	0.4	2
Colinlea Sandstone - D Seam	C024P3	C024P3	14/11/2011	1050	7.12	340	360	<100	4	<0.01	0.004	0.28	<0.0001	0.001	<1	0.002	8.37	<0.001	0.236	<0.0001	<1	0.009	<10	<1	<1	<10	0.044	1720	307	0.02	<0.01	<0.01	<0.01	374	23	0.4	42	17	232	1	<1
Colinlea Sandstone - D Seam	C024P3	C024P3	20/05/2013	1110	6.86	<20	<20	<100	<1	<0.01	0.001	0.28	<0.0001	<0.001	4	<0.001	7.94	<0.001	0.239	<0.0001	<1	0.005	<10	<1	<1	<10	0.016	1520	254	1.19	0.01	<0.1	0.18	388	18	0.6	38	10	234	<0.1	13
Colinlea Sandstone - D Seam	C024P3_2	C024P3	26/05/2014	1040	7.08	<20	<20	<100	<1	<0.01	0.012	0.33	<0.0001	<0.001	3	<0.001	20.8	<0.001	0.217	<0.0001	1	0.016	<10	<1	<1	<10	0.016	1600	210	-	-	-	0.03	407	18	0.8	36	11	238	<0.1	8
Colinlea Sandstone - D Seam	CO34P3	C034P3	5/10/2011	1260	7.23	<20	<20	<100	<1	<0.01	0.002	0.26	<0.0001	<0.001	<1	<0.001	1.2	<0.001	0.23	<0.0001	6	<0.001	<10	<1	<1	<10	<0.005	2410	137	0.14	0.08	<0.01	0.07	601	32	0.5	14	15	424	<0.1	51
Colinlea Sandstone - D Seam	CO34P3	C034P3	6/11/2011	1020	6.96	<20	<20	<100	<1	<0.01	<0.001	<0.05	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	<0.001	<0.0001	<1	<0.001	<10	<1	<1	<10	<0.005	1770	108	0.09	0.02	<0.01	<0.01	478	22	0.3	11	14	295	<0.1	24
Colinlea Sandstone - D Seam	C034P3	C034P3	24/05/2013	1010	7.61	<20	<20	<100	<1	<0.01	<0.001	0.24	<0.0001	<0.001	<1	0.001	1.4	<0.001	0.184	<0.0001	<1	<0.001	<10	<1	<1	<10	0.019	1970	114	0.17	<0.01	<0.01	0.05	563	26	0.3	11	14	338	<0.1	29
Colinlea Sandstone - D Seam	C034P3_2	C034P3	7/05/2014	1250	6.84	<20	<20	<100	<1	<0.01	<0.001	0.21	<0.0001	<0.001	<1	<0.001	1.99	<0.001	0.223	<0.0001	<1	<0.001	<10	<1	<1	<10	0.012	1920	114	-	-	-	<0.01	588	27	0.3	12	11	362	<0.1	30
Colinlea Sandstone - D Seam	C034P3_2	C034P3	28/05/2014	1260	7.14	<20	<20	<100	<1	<0.01	<0.001	0.24	<0.0001	<0.001	<1	<0.001	2.08	<0.001	0.216	<0.0001	<1	<0.001	<10	<1	<1	<10	0.01	1940	108	-	-	-	<0.01	560	26	0.2	12	11	332	<0.1	30
Colinlea Sandstone - D Seam	C034P3	C034P3	3/08/2014	1200	7.3	<40	<50	<400	<3	<0.005	<0.003	0.23	0.0001	<0.001	<1	<0.001	1.8	<0.001	0.24	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	2000	110	0.11	<0.005	<0.005	0.05	520	27	0.3	12	16	310	-	28
Colinlea Sandstone - D Seam	C034P3_0	C034P3	27/09/2014	1200	7.3	<40	<50	<650	<3	<0.005	<0.003	0.22	0.0002	<0.001	<1	<0.001	2.1	<0.001	0.24	0.00013	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	2000	110	0.11	<0.005	<0.005	0.07	530	26	0.3	12	17	310	<0.5	29
Colinlea Sandstone - D Seam	C034P3_2	C034P3	21/11/2014	1200	7.1	<40	<50	<400	<3	<0.005	<0.003	0.24	<0.0001	<0.001	<1	<0.001	0.71	<0.001	0.25	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.01	2000	110	0.11	<0.005	<0.005	<0.02	530	27	0.3	11	16	320	<0.1	29
Colinlea Sandstone - D Seam	C034P3_2	C034P3	9/02/2015	1200	7	<40	<50	<400	<3	<0.005	<0.003	0.26	<0.0001	<0.001	<1	<0.001	1.1	<0.001	0.25	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	2000	110	0.091	<0.005	<0.005	<0.02	530	29	0.3	12	18	380	<0.5	31
Colinlea Sandstone - D Seam	C034P3_2	C034P3	27/03/2015	1200	7	<40	<50	<400	<3	<0.005	<0.003	0.26	<0.0001	<0.001	<1	<0.001	1.8	<0.001	0.25	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	2000	110	0.11	<0.005	<0.005	<0.02	530	28	0.3	12	16	330	<0.5	31
Colinlea Sandstone - D Seam	C034P3_2	C034P3	31/05/2015	1000	7.1	<10	-	-	-	<0.005	<0.001	0.21	<0.0001	<0.001	<1	<0.001	1.7	<0.001	0.23	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	1700	100	0.11	0.016	<0.005	<0.01	420	22	0.2	9.9	14	280	<0.5	19
Colinlea Sandstone - D Seam	C034P3_2	C034P3	20/07/2015	1000	7	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	1.9	<0.001	0.21	<0.0001	<1	<0.001	<3	<0.05	<1	<5	<0.005	1700	100	0.13	<0.005	<0.005	0.07	420	20	0.2	8.7	14	250	<0.5	18
Colinlea Sandstone - D Seam	C034P3_2	C034P3	12/09/2015	1100	7.1	<10	-	-	-	<0.005	<0.001	0.22	<0.0001	<0.001	<1	<0.001	1.6	<0.001	0.23	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.014	1900	110	0.079	<0.005	<0.005	<0.01	240	26	0.3	11	16	320	<0.5	26
Colinlea Sandstone - D Seam	C034P3_1	C034P3	27/11/2015	930	7.1	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	1.5	<0.001	0.23	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1500	96	0.11	<0.005	<0.005	0.01	410	20	0.2	9.1	15	260	<0.5	18
Colinlea Sandstone - D Seam	C034P3_1	C034P3	25/02/2016	910	7	<10	-	-	-	<0.005	<0.001	0.21	<0.0001	<0.001	<1	<0.001	1.9	<0.001	0.24	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1500	95	0.085	<0.005	<0.005	<0.01	400	20	0.2	9.3	15	290	<0.5	19
Colinlea Sandstone - D Seam	C034P3_0	C034P3	18/04/2016	1000	7.1	<10	-	-	-	<0.005	<0.001	0.21	<0.0001	<0.001	<1	<0.001	2.1	<0.001	0.24	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1700	96	0.078	<0.005	<0.005	0.01	240	21	0.2	9.6	14	300	<0.5	19
Colinlea Sandstone - D Seam	C034P3_0	C034P3	5/07/2016	1200	7	<10	-	-	-	<0.005	<0.001	0.25	<0.0001	<0.001	<1	<0.001	0.56	<0.001	0.23	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1900	120	0.087	<0.005	<0.005	0.02	510	25	0.3	11	15	340	<0.5	26
Colinlea Sandstone - D Seam	C034P3_1	C034P3	21/11/2016	1200	7.2	<20	<20	<125	<3	<0.005	<0.001	0.25	<0.0001	<0.001	<1	<0.001	0.91	<0.001	0.23	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1900	100	0.095	<0.005	<0.005	0.01	510	28	0.2	12	16	350	<0.5	30
Colinlea Sandstone - D Seam	C034p3	C034P3	20/04/2017	970	6.7	<20	<20	<125	<3	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	1.3	<0.001	0.22	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1600	83	0.1	<0.005	<0.005	<0.01	400	20	0.2	9	14	280	<0.5	18
Colinlea Sandstone - D Seam	C180114S	C180114S	28/04/2014	689	8.66	<20	<20	<100	<1	<0.01	<0.001	0.33	<0.0001	<0.001	<1	<0.001	0.3	<0.001	0.026	<0.0001	<1	<0.001	<10	<1	<1	<10	0.009	1060	394	-	-	-	0.16	106	6	6.7	4	7	207	<0.1	<1
Colinlea Sandstone - D Seam	C180114S	C180114S	27/05/2014	708	7.98	<20	<20	<100	<1	<0.01	<0.001	0.27	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.026	<0.0001	2	<0.001	<10	<1	<1	<10	0.006	1090	400	-	-	-	0.06	97	12	6.8	5	8	243	<0.1	<1
Colinlea Sandstone - D Seam	C180114S	C180114S	3/08/2014	610	8	<40	<50	<400	<3	<0.005	<0.003	0.31	<0.0001	<0.001	<1	<0.001	0.024	<0.001	0.024	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	370	0.11	<0.005	<0.005	0.05	100	6.5	6.3	4.2	8.7	200	-	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	26/09/2014	600	8.1	<40	<50	<650	<3	<0.005	<0.003	0.3	<0.0001	<0.001	<1	<0.001	0.025	<0.001	0.021	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	370	0.043	<0.005	<0.005	0.05	110	6.2	6.7	4.2	9.2	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	20/11/2014	600	7.8	<40	<50	<400	<3	<0.005	0.005	0.3	<0.0001	<0.001	<1	<0.001	0.046	<0.001	<0.005	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	360	0.086	0.006	<0.005	0.07	100	6.5	6	4.2	8.9	200	<0.1	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	7/02/2015	600	7.8	<40	<50	<400	<3	<0.005	<0.003	0.32	<0.0001	<0.001	<1	<0.001	0.024	<0.001	0.013	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	1000	380	0.19	<0.005	<0.005	0.07	100	6.7	6.8	4.2	9.5	230	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	23/03/2015	630	7.9	<40	<50	<400	<3	<0.005	<0.003	0.31	<0.0001	<0.001	<1	<0.001	0.011	<0.001	0.02	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	0.085	1000	390	0.16	<0.005	<0.005	0.07	120	6.2	6.7	4.2	8.4	210	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	27/05/2015	600	7.9	<10	-	-	-	<0.005	<0.001	0.33	<0.0001	<0.001	<1	<0.001	0.011	<0.001	0.019	<0.0001	<1	<0.001	<3	<0.05	<1	<5	0.006	1000	400	0.17	<0.005	<0.005	0.07	110	6.6	7.1	4.3	8.5	210	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	9/09/2015	610	8	<10	-	-	-	<0.005	<0.001	0.3	<0.0001	<0.001	<1	<0.001	0.027	<0.001	0.018	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.008	1000	380	0.15	<0.005	<0.005	0.11	98	6.2	6.7	4.1	8.5	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	26/11/2015	600	7.9	<10	-	-	-	<0.005	<0.001	0.31	<0.0001	<0.001	<1	<0.001	0.047	<0.001	0.018	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.013	1000	380	0.073	<0.005	<0.005	0.06	100	6.2	6.7	4.1	8.7	200	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	29/02/2016	590	7.9	<10	-	-	-	<0.005	<0.001	0.32	<0.0001	<0.001	<1	<0.001	0.08	<0.001	0.019	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.031	980	390	0.11	<0.005	<0.005	0.06	97	6.3	6.1	4.1	8.8	230	<0.5	<0.5
Colinlea Sandstone - D Seam	c180114sp	C180114S	20/04/2016	610	8.1	<10	-	-	-	<0.005	<0.001	0.31	<0.0001	<0.001	<1	<0.001	0.23	<0.001	0.019	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	390	0.14	<0.005	<0.005	0.06	75	5.6	6.5	3.8	7.8	190	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	8/07/2016	610	7.9	<10	-	-	-	<0.005	<0.001	0.32	<0.0001	<0.001	<1	<0.001	0.028	<0.001	0.017	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	390	0.15	<0.005	<0.005	0.06	100	6	6.7	4	8.7	220	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	25/11/2016	620	8	<20	<20	<125	<3	0.006	<0.001	0.32	<0.0001	<0.001	<1	0.001	0.05	<0.001	0.016	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	400	0.13	<0.005	<0.005	0.05	120	6.2	6.3	4.1	8.9	230	<0.5	<0.5
Colinlea Sandstone - D Seam	C180114S	C180114S	22/04/2017	620	8	<20	<20	<125	<3	<0.005	<0.001	0.3	<0.0001	<0.001	<1	<0.001	0.044	<0.001	0.018	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1000	370	0.16	0.011	<0.005	0.05	98	6.2	6.2	4	8	220	<0.5	<0.5
Colinlea Sandstone - D Seam	C833SP_2	C833SP	29/04/2014	936	8.6	<20	<20	<100	<1	<0.01	<0.001	0.19	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.068	<0.0001	3	<0.001	<10	<1	<1	<10	0.01	1440	328	-	-	-	0.01	251	15	1.8	6	22	245	0.8	5
Colinlea Sandstone - D Seam	C833SP_2	C833SP	27/05/2014	884	8.73	<20	<20	<100	4	<0.01	<0.001	0.16	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.03	<0.0001	4	<0.001	<10	<1	<1	<10	0.006	1360	325	-	-	-	0.02	233	10	1.6	5	30	244	1.5	10
Colinlea Sandstone - D Seam	C833SP	C833SP	30/07/2014	1100	11.3	110	110	<400	70	<0.005	<0.003	0.15	0.0002	<0.001	<1	<0.001	<0.005	<0.001	<0.005	<0.0001	17	<0.001	<3	<0.05	<0.5	<5	<0.005	1900	450	1.1	<0.005	<0.005	<0.02	180	1	1.7	0.3	58	280	-	38
Colinlea Sandstone - D Seam	C833SP_0	C833SP	26/09/2014	1100	11.4	<40	<50	<650	29	0.007	<0.003	0.13	0.0001	<0.001	<1	0.002	<0.005	<0.001	<0.005	<0.00005	16	<0.001	<3	<0.05	<0.5	<5	<0.005	1800	430	1.1	<0.005	<0.005	<0.02	180	0.6	1.9	<0.1	56	270	<0.5	35
Colinlea Sandstone - D Seam	C833SP_2	C833SP	20/11/2014	1100	11.2	94	97	<400	38	0.021	0.003	0.16	<0.0001	<0.001	<1	0.004	0.016	0.002	<0.005	<0.00005	15	<0.001	<3	<0.05	<0.5	<5	0.005	1800	410	0.99	0.006	<0.005	<0.02	180	0.6	1.6	<0.1	54	270	<0.1	28
Colinlea Sandstone - D Seam	C833SP_2	C833SP	7/02/2015	1100	11	160	160	<400	57	0.006	<0.003	0.14	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.005	<0.00005	14	<0.001	<3	<0.05	<0.5	<5	0.038	1800	400	0.96	<0.005	<0.005	<0.02	180	0.5	1.8	<0.1	55	310	<0.5	45
Colinlea Sandstone - D Seam	C833SP_2	C833SP	26/03/2015	900	11	130	140	<400	40	<0.005	<0.003	0.16	<0.0001	<0.001	<1	<0.001	0.007	<0.001	<0.005	<0.00005	12	<0.001	<3	<0.05	<0.5	<5	0.006	1500	390	0.86	<0.005	<0.005	<0.02	190	0.6	1.9	<0.1	46	260	<0.5	24
Colinlea Sandstone - D Seam	C833SP_2	C833SP	28/05/2015	850	10.5	<10	-	-	-	<0.005	<0.001	0.17	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	<0.001	<0.0001	10	<0.001	<3	<0.05	<1	<5	<0.005	1400	360	0.76	<0.005	<0.005	0.01	200	0.7	2	0.1	44	260	1	51
Colinlea Sandstone - D Seam	C833SP_2	C833SP	21/07/2015	720	8.1	33	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.12	<0.00005	1	<0.001	<3	<0.05	<1	<5	<0.005	1200	270	0.24	<0.005	<0.005	0.02	220	16	1.5	5.2	14	200	-	12
Colinlea Sandstone - D Seam	C833SP_2	C833SP	12/09/2015	670	7.5	<10	-	-	-	0.006	<0.001	0.17	<0.0001	<0.001	<1	<0.001	0.051	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.007	1100	220	0.073	<0.005	<0.005	<0.01	190	19	1.6	6.8	6.9	180	1.3	5.2
Colinlea Sandstone - D Seam	C833SP_2	C833SP	26/11/2015	650	7.5	<10	-	-	-	<0.005	<0.001	0.19	0.0001	<0.001	<1	<0.001	0.023	<0.001	0.13	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1100	230	0.079	0.01	<0.005	0.02	210	22	1.6	6.9	7	190	2	6.7
Colinlea Sandstone - D Seam	C833SP_1	C833SP	25/02/2016	640	7.3	<10	-	-	-	<0.005	<0.001	0.2	<0.0001	<0.001	<1	<0.001	0.066	<0.001	0.098	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1100	210	0.067	<0.005	<0.005	0.02	220	16	1.4	7.1	6.6	210	2.1	7.8
Colinlea Sandstone - D Seam	C833SP_0	C833SP	18/04/2016	680	7.4	<10	-	-	-	<0.005	<0.001	0.2	<0.0001	<0.001	<1	<0.001	0.018	<0.001	0.1	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.12	1100	220	0.076	<0.005	<0.005	0.01	220	16	1.5	7.2	7.1	210	<0.5	2.3
Colinlea Sandstone - D Seam	C833SP_0	C833SP	5/07/2016	770	8.1	<10	-	-	-	<0.005	<0.001	0.16	<0.0001	<0.001	<1	<0.001	0.016	<0.001	0.034	<0.00005	1	<0.001	<3	<0.05	<1	<5	0.006	1300	310	0.26	0.015	<0.005	0.01	220	24	1.5	6.1	27	220	1.6	3.6
Colinlea Sandstone - D Seam	C833SP_1	C833SP	21/11/2016	750	8.3	<20	<20	<125	<3	<0.005	<0.001	0.19	<0.0001	<0.001	<1	0.001	0.023	0.008	0.019	<0.00005	2	<0.001	<3	<0.05	<1	<5	0.1	1200	310	0.27	<0.005	<0.005	0.01	210	18	1.4	6.2	29	230	1.3	3.2
Colinlea Sandstone - D Seam	C833SP	C833SP	21/04/2017	680	7.2	<20	<20	<125	<3	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.036	<0.001	0.1	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	1100	220	0.076	<0.005	<0.005	0.02	220	16	1.4	6.9	6.1	200	2	5.3
Colinlea Sandstone - D Seam	C848SP_2	C848SP	29/04/2014	1900	8.52	<20	<20	<100	<1	<0.01	<0.001	0.18	<0.0001	<0.001	3	<0.001	0.78	<0.001	0.211	<0.0001	23	0.148	<10	<1	<1	<10	0.025	2930	286	-	-	-	<0.01	739	26	0.4	19	17	490	<0.1	13
Colinlea Sandstone - D Seam	C848SP	C848SP	2/08/2014	1700	7.6	<40	<50	<400	<3	<0.005	<0.003	0.18	0.0002	<0.001	3	<0.001	0.41	<0.001	0.27	<0.0001	23	0.15	<3	<0.05	<0.5	<5	<0.005	2800	260	0.086	<0.005	<0.005	0.02	700	28	0.3	20	25	490	-	14
Colinlea Sandstone - D Seam	C848SP_0	C848SP	27/09/2014	1700	7.5	<40	<50	<650	<3	<0.005	<0.003	0.15	0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.31	<0.00005	3	0.014	<3	<0.05	<0.5	<5	<0.005	2900	230	0.22	<0.005	<0.005	0.06	790	25	0.3	22	28	480	<0.5	18
Colinlea Sandstone - D Seam	C848SP_2	C848SP	21/11/2014	1800	7.2	<40	<50	<400	<3	<0.005	<0.003	0.18	0.0001	<0.001	<1	<0.001	0.89	<0.001	0.33	<0.00005	2	0.011	<3	<0.05	<0.5	<5	<0.005	3000	230	0.22	<0.005	<0.005	0.04	790	28	0.3	23	28	520	<0.1	17
Colinlea Sandstone - D Seam	C848SP_2	C848SP	9/02/2015	1800	7.1	<40	<50	<400	<3	<0.005	<0.003	0.18	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.34	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5	<0.005	3000	210	0.11	<0.005	<0.005	<0.02	790	28	0.3	24	27	440	<0.5	22
Colinlea Sandstone - D Seam	C848SP_2	C848SP	27/03/2015	1800	7.2	<40	<50	<400	<3	<0.005	<0.003	0.19	<0.0001	<0.001	<1	<0.001	0.01	<0.001	0.33	<0.00005	<1	0.009	<3	<0.05	<0.5	<5	0.01	3000	230	0.1	<0.005	<0.005	0.02	790	27	0.4	23	23	520	0.9	18
Colinlea Sandstone - D Seam	C848SP_2	C848SP	30/05/2015	1800	7.4	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.63	<0.001	0.33	<0.0001	<1	<0.001	<3	<0.05	<1	<5	0.01	3000	220	0.12	<0.005	<0.005	0.01	810	27	0.4	24	23	540	0.6	19
Colinlea Sandstone - D Seam	C848SP_2	C848SP	20/07/2015	1800	7.2	<10	-	-	-	<0.005	<0.001	0.18	<0.0001	<0.001	<1	<0.001	0.61	<0.001	0.29	<0.0001	<1	<0.001	<3	<0.05	<1	<5	0.01	3000	240	0.12	<0.005	<0.005	0.01	800	25	0.3	21	23	490	<0.5	19
Colinlea Sandstone - D Seam	C848SP_2	C848SP	13/09/2015	1800	7.4	<10	-	-	-	<0.005	<0.001	0.17	0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.3	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.007	3000	210	0.097	<0.005	<0.005	<0.01	740	26	0.3	23	23	510	<0.5	19
Colinlea Sandstone - D Seam	C848SP_1	C848SP	28/11/2015	1800	7.2	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	0.006	<0.001	0.3	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	3000	210	0.097	<0.005	<0.005	0.02	780	27	0.4	23	24	530	<0.5	20
Colinlea Sandstone - D Seam	C848SP_1	C848SP	28/02/2016	1700	7.2	<10	-	-	-	<0.005	<0.001	0.19	<0.0001	<0.001	<1	<0.001	<0.005	0.001	0.31	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	2900	230	0.092	<0.005	<0.005	0.01	760	26	0.3	23	23	470	<0.5	21
Colinlea Sandstone - D Seam	c848sp_0	C848SP	22/04/2016	1700	7.3	<10	-	-	-	<0.005	<0.001	0.18	<0.0001	<0.001	<1	<0.001	0.13	<0.001	0.32	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	2900	220	0.064	<0.005	<0.005	0.02	360	24	0.3	21	21	490	<0.5	19
Colinlea Sandstone - D Seam	C848SP_0	C848SP	9/07/2016	1800	7.2	<10	-	-	-	<0.005	<0.001	0.18	<0.0001	<0.001	<1	<0.001	1.9	<0.001	0.31	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.009	2900	220	0.073	<0.005	<0.005	0.02	290	25	0.3	22	23	570	<0.5	20
Colinlea Sandstone - D Seam	C848SP_1	C848SP	24/11/2016	1700	7.2	<20	<20	<125	<3	<0.005	<0.001	0.19	<0.0001	<0.001	<1	0.001	1.8	<0.001	0.31	<0.00005	<1	<0.001	<3	<0.05	<1	<5	4.8	2900	210	0.08	<0.005	<0.005	<0.01	780	26	0.3	23	23	480	<0.5	20
Colinlea Sandstone - D Seam	C848SP_0	C848SP	23/04/2017	1800	6.9	<20	<20	<125	<3	<0.005	<0.001	0.17	0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.31	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.007	3000	220	0.074	<0.005	<0.005	<0.01	780	26	0.3	23	22	560	<0.5	20

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filt	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Dunda Beds	CO22P1	C022P1	3/10/2011	301	6.76	40	40	<100	<1	0.51	<0.001	0.15	<0.0001	<0.001	5	<0.001	0.5	<0.001	0.099	<0.0001	<1	0.006	<10	<1	<1	<10	0.011	332	36	0.02	0.03	<0.01	0.07	67	2	0.3	4	2	55	-	16
Dunda Beds	CO22P1	C022P1	6/10/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-
Dunda Beds	C022P1-H	C022P1	10/11/2011	209	6.39	20	20	<100	<1	0.63	0.001	0.11	<0.0001	0.002	7	<0.001	0.76	<0.001	0.083	<0.0001	<1	0.006	<10	<1	<1	<10	0.014	395	45	0.05	0.02	<0.01	<0.01	77	2	0.3	4	3	57	<0.1	16
Dunda Beds	C022P1	C022P1	14/11/2011	233	6.73	<20	<20	<100	<1	0.23	0.002	0.07	<0.0001	<0.001	9	<0.001	2.67	<0.001	0.2	<0.0001	<1	0.006	<10	<1	<1	<10	0.028	357	47	0.04	0.03	<0.01	<0.01	70	3	0.3	4	3	56	<0.1	18
Dunda Beds	C022P1	C022P1	26/05/2013	183	6.57	<20	<20	<100	<1	0.08	<0.001	0.13	<0.0001	<0.001	24	0.01	<0.05	<0.001	0.034	<0.0001	<1	0.005	<10	<1	<1	<10	0.023	275	24	0.01	0.2	<0.01	0.36	65	1	0.1	3	2	47	<0.1	7
Dunda Beds	C022P1_2	C022P1	6/05/2014	176	6.67	<20	<20	<100	<1	<0.01	<0.001	0.09	<0.0001	0.002	45	0.004	<0.05	<0.001	0.023	<0.0001	<1	0.003	<10	<1	<1	<10	0.019	270	21	-	-	-	0.02	69	1	0.1	3	2	46	<0.1	6
Dunda Beds	C022P1_2	C022P1	27/05/2014	188	6.69	<20	<20	<100	<1	<0.01	<0.001	0.11	<0.0001	<0.001	58	0.023	<0.05	<0.001	0.022	<0.0001	<1	0.003	<10	<1	<1	<10	0.024	290	23	-	-	-	0.01	65	1	0.1	3	3	48	<0.1	6
Dunda Beds	C022P1	C022P1	1/08/2014	170	6.3	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001	<0.001	57	0.01	<0.005	<0.001	0.019	<0.0001	<1	0.003	<3	<0.05	<0.5	<5	0.007	280	16	<0.005	0.2	<0.005	<0.02	66	1.2	<0.1	3.1	2.7	42	-	6.1
Dunda Beds	Q1	C022P1	2/08/2014	170	6.3	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001	<0.001	55	0.011	<0.005	<0.001	0.019	<0.0001	<1	0.003	<3	<0.05	<0.5	<5	0.007	280	17	<0.005	0.019	<0.005	<0.02	68	1.2	0.1	3.2	2.7	42	-	6.3
Dunda Beds	C022P1_0	C022P1	24/09/2014	170	6.3	<40	<50	<650	<3	0.005	<0.003	0.1	<0.0001	<0.001	53	0.018	<0.005	<0.001	0.016	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.007	280	22	0.006	0.19	<0.005	<0.02	66	1.1	0.1	3.1	2.7	40	1.4	6.3
Dunda Beds	C022P1_2	C022P1	18/11/2014	150	6.3	<40	<50	<400	<3	<0.005	<0.003	0.12	0.0002	<0.001	52	0.007	<0.005	<0.001	0.016	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.046	250	16	<0.005	0.17	<0.005	<0.02	60	1.1	0.1	3.1	2.7	41	<0.5	6.1
Dunda Beds	C022P1_2	C022P1	5/02/2015	170	6	<40	<50	<400	<3	0.006	<0.003	0.13	<0.0001	<0.001	50	0.05	<0.005	<0.001	0.016	<0.00005	<1	0.012	<3	<0.05	<0.5	<5	0.014	280	17	0.005	0.2	<0.005	<0.02	68	1.2	0.1	3.3	2.9	41	<0.5	6.3
Dunda Beds	C022P1_2	C022P1	24/03/2015	170	6	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001	<0.001	49	0.055	<0.005	<0.001	0.014	<0.00005	<1	0.008	<3	<0.05	<0.5	<5	0.007	280	18	<0.005	0.17	<0.005	<0.02	68	1.1	0.1	3.3	2.6	46	<0.5	6.4
Dunda Beds	C022P1_2	C022P1	25/05/2015	160	6.2	<10	-	-	-	0.006	<0.001	0.12	0.0001	<0.001	51	0.058	<0.005	<0.001	0.013	<0.0001	<1	0.005	<3	<0.05	<1	<5	0.008	270	18	<0.005	0.14	<0.005	<0.01	75	1.1	0.1	3.2	2.8	41	<0.5	6.6
Dunda Beds	C022P1_2	C022P1	24/07/2015	160	6	<10	-	-	-	0.021	<0.001	0.12	0.0001	<0.001	51	0.06	<0.005	<0.001	0.012	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.01	270	18	0.006	0.21	<0.005	0.01	73	1.2	0.1	3.2	3.1	45	-	6.2
Dunda Beds	C022P1_2	C022P1	8/09/2015	180	6.7	<10	-	-	-	0.006	<0.001	0.12	<0.0001	<0.001	46	0.055	<0.005	<0.001	0.011	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.044	310	43	<0.005	0.19	<0.005	0.02	75	1.1	0.1	3.2	2.7	41	<0.5	6.1
Dunda Beds	C022P1_2	C022P1	24/11/2015	160	6.2	<10	-	-	-	0.006	<0.001	0.12	<0.0001	<0.001	40	0.21	<0.005	<0.001	0.01	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.017	270	24	<0.005	0.25	<0.005	0.03	66	1.1	0.1	3.1	2.7	40	<0.5	5.7
Dunda Beds	C022P1_1	C022P1	27/02/2016	160	6.2	<10	-	-	-	0.02	<0.001	0.13	0.0002	<0.001	47	0.064	<0.005	<0.001	0.01	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.009	270	17	<0.005	0.2	<0.005	<0.01	67	1.2	0.1	3.2	2.7	42	<0.5	6.2
Dunda Beds	C022P1_0	C022P1	18/04/2016	160	6.3	<10	-	-	-	0.012	<0.001	0.13	0.0001	<0.001	49	0.076	0.007	<0.001	0.009	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.007	270	19	<0.005	0.22	<0.005	0.02	69	1.1	0.1	3.2	2.6	42	<0.5	6.1
Dunda Beds	C022P1_0	C022P1	6/07/2016	160	6.1	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	48	0.1	0.009	<0.001	0.012	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.007	260	24	0.005	0.21	<0.005	<0.01	67	1.1	0.1	3	2.7	40	<0.5	5.9
Dunda Beds	C022P1_1	C022P1	23/11/2016	160	6.4	<20	<20	<130	<3	0.021	<0.001	0.13	<0.0001	<0.001	47	0.07	<0.005	<0.001	0.009	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.014	260	17	<0.005	0.21	<0.005	0.06	67	1.2	<0.1	3.4	2.9	41	<0.5	6.8
Dunda Beds	C022P1	C022P1	20/04/2017	160	6.2	<20	<20	<125	<3	<0.005	<0.001	0.12	<0.0001	<0.001	40	0.1	<0.005	<0.001	0.008	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.006	270	18	<0.005	0.24	<0.005	0.02	66	1.1	<0.1	3.1	2.4	40	2.4	5.9
Dunda Beds	C027P2	C027P2	29/09/2011	805	7.25	90	100	<100	<1	0.09	0.019	0.22	-	<0.001	7	<0.001	24.9	<0.001	1.78	<0.0001	<1	0.004	<10	<1	<1	<10	0.009	855	128	0.97	0.01	<0.01	0.19	186	4	0.5	9	10	161	<0.1	8
Dunda Beds	CO27P2	C027P2	5/11/2011	949	6.79	30	40	<100	17	0.14	0.012	0.16	<0.0001	0.002	2	<0.001	11.3	<0.001	0.883	<0.0001	<1	0.01	<10	<1	<1	<10	0.01	992	180	0.42	0.02	<0.01	0.02	199	3	0.4	10	12	175	<0.1	14
Dunda Beds	C027P2	C027P2	25/05/2013	488	7	<20	<20	<100	<1	0.01	0.004	0.2	<0.0001	<0.001	<1	0.002	2.08	<0.001	0.234	<0.0001	<1	0.002	<10	<1	<1	<10	0.018	821	62	0.09	0.03	<0.01	0.09	213	1	0.2	5	9	160	<0.1	28
Dunda Beds	C027P2_2	C027P2	7/05/2014	524	6.46	<20	<20	<100	<1	<0.01	0.002	0.2	<0.0001	<0.001	<1	<0.001	1.58	<0.001	0.179	<0.0001	<1	<0.001	<10	<1	<1	<10	0.012	806	50	-	-	-	0.03	225	1	0.3	4	7	159	<0.1	24
Dunda Beds	C027P2_2	C027P2	28/05/2014	498	6.58	<20	<20	<100	<1	<0.01	0.004	0.2	<0.0001	<0.001	3	<0.001	1.4	<0.001	0.169	<0.0001	<1	0.011	<10	<1	<1	<10	0.021	767	42	-	-	-	0.03	200	1	0.2	4	7	146	<0.1	26
Dunda Beds	C027P2	C027P2	1/08/2014	470	6.9	<40	<50	<400	<3	<0.005	0.004	0.2	0.0002	<0.001	<1	<0.001	1.1	0.002	0.17	<0.0001	<1	0.002	<3	<0.05	<0.5	<5	<0.005	790	47	0.03	0.008	<0.005	0.03	190	1.1	0.2	4.1	9	120	-	22
Dunda Beds	C027P2_0	C027P2	26/09/2014	460	6.9	<40	<50	<650	<3	<0.005	0.003	0.19	0.0002	<0.001	<1	<0.001	0.66	<0.001	0.13	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.025	770	48	0.028	0.06	<0.005	0.03	190	1.1	0.3	4.2	9.1	110	<0.5	20
Dunda Beds	C027P2_2	C027P2	20/11/2014	520	6.5	<40	<50	<400	<3	<0.005	<0.003	0.21	0.0002	<0.001	1	<0.001	0.29	0.001	0.12	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	<0.005	860	40	0.023	0.042	<0.005	<0.02	190	1	0.2	4	8.9	120	<0.1	19
Dunda Beds	C027P2_2	C027P2	8/02/2015	470	6.6	<40	<50	<400	<3	<0.005	<0.003	0.21	0.0002	<0.001	2	<0.001	0.044	0.002	0.12	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	<0.005	780	42	0.02	0.054	<0.005	0.02	190	1	0.2	4.1	9.6	140	<0.5	20
Dunda Beds	C027P2_2	C027P2	23/03/2015	460	6.6	<40	<50	<400	<3	<0.005	<0.003	0.19	0.0001	<0.001	1	0.001	0.007	0.002	0.11	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	<0.005	760	40	0.022	0.084	<0.005	0.02	190	0.9	0.2	4	8.5	120	<0.5	20
Dunda Beds	C027P2_2	C027P2	28/05/2015	460	6.7	<10	-	-	-	<0.005	0.001	0.21	0.0001	<0.001	1	0.002	0.009	0.001	0.099	<0.0001	<1	0.002	<3	<0.05	<1	<5	0.006	770	39	0.009	0.039	<0.005	0.02	210	0.9	0.3	3.8	8.8	130	<0.5	20
Dunda Beds	C027P2_2	C027P2	22/07/2015	460	6.6	<10	-	-	-	0.005	<0.001	0.21	0.0001	<0.001	1	0.002	0.02	0.002	0.088	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.034	770	40	0.014	0.065	<0.005	0.02	210	0.8	0.2	3.5	9.8	120	-	19
Dunda Beds	C027P2_1	C027P2	26/11/2015	450	6.4	<10	-	-	-	<0.005	0.001	0.2	0.0001	<0.001	1	0.001	0.029	0.001	0.081	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.006	750	36	0.012	0.086	<0.005	0.02	200	0.8	0.2	3.4	8.8	120	<0.5	18
Dunda Beds	C027P2_1	C027P2	28/02/2016	450	6.6	<10	-	-	-	<0.005	0.001	0.2	0.0001	<0.001	<1	0.007	0.022	0.001	0.078	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.011	750	36	0.012	0.1	<0.005	0.02	190	0.9	0.2	3.6	8.8	140	<0.5	18
Dunda Beds	C027P2_0	C027P2	20/04/2016	470	6.8	<10	-	-	-	0.006	0.001	0.22	<0.0001	<0.001	<1	0.001	0.034	0.002	0.075	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.04	780	42	<0.005	0.097	<0.005	0.02	250	0.9	0.2	3.7	8.6	140	<0.5	19
Dunda Beds	C027P2_1	C027P2	25/11/2016	460	6.6	<20	<20	<125	<3	<0.005	0.002	0.2	0.0001	<0.001	1	0.003	0.018	0.002	0.058	<0.00005	<1	0.002	<3	<0.05	<1	<5	4.3	760	37	0.01	0.14	<0.005	<0.01	200	0.9	0.2	3.6	9	140	<0.5	18
Dunda Beds	C180117S	C180117S	29/04/2014	211	7.81	<20	<20	<100	<1	0.06	<0.001	0.06	<0.0001	<0.001	<1	0.002	0.09	<0.001	0.02	<0.0001	<1	0.002	<10	<1	<1	<10	0.088	325	53	-	-	-	0.05	50	4	0.4	2	3	51	<0.1	11
Dunda Beds	C180117S	C180117S	29/05/2014	187	6.77	<20	<20	<100	<1	0.05	<0.001	0.07	<0.0001	<0.001	<1	0.004	0.09	0.001	0.025	<0.0001	<1	0.002	<10	<1	<1	<10	0.061	288	42	-	-	-	0.03	55	4	0.3	2	3	47	<0.1	12
Dunda Beds	C180117S	C180117S	2/08/2014	210	7	<40	<50	<400	<3	0.037	<0.003	0.071	0.0001	<0.001	<1	0.002	0.13	<0.001	0.03	<0.0001	<1	0.006	<3	<0.05	<0.5	<5	0.02	350	50	<0.005	0.83	<0.005	0.03	67	5.1	0.3	2.6	3.6	55	-	12
Dunda Beds	C180117S	C180117S	27/09/2014	230	7.4	<40	<50	<650	<3	0.023	<0.003	0.045	<0.0001	<0.001	<1	0.002	1.1	<0.001	0.038	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.006	380	92	0.4	<0.005	<0.005	0.08	51	4	0.7	4.4	4.2	62	<0.5	22
Dunda Beds	C180117S	C180117S	21/11/2014	240	6.8	<40	<50	<400	<3	0.043	0.004	0.075	<0.0001	<0.001	<1	<0.001	0.31	<0.001	0.015	<0.00005	<1	0.001	<3	<0.05	<0.5	<5	0.008	400	75	0.047	0.35	<0.005	0.04	59	5.4	0.6	3.8	3.9	58	<0.1	17
Dunda Beds	C180117S	C180117S	7/02/2015	220	7.1	<40	<50	<400	<3	0.033	<0.003	0.072	<0.0001	<0.001	<1	0.002	1.4	<0.001	0.019	<0.00005	<1	0.009	<3	<0.05	<0.5	<5	<0.005	360	91	0.29	0.042	<0.005	0.02	47	2.8	0.7	3.6	4.6	54	<0.5	15
Dunda Beds	C180117S	C180117S	27/03/2015	220	7.1	<40	<50	<400	<3	<0.005	<0.003	0.094	<0.0001	<0.001	<1	0.006	0.78	<0.001	0.032	<0.00005	2	0.051	<3	<0.05	<0.5	<5	0.009	360	83	0.21	<0.005	<0.005	<0.02	56	3.8	0.7	4.2	3.8	60	<0.5	18
Dunda Beds	C180117S	C180117S	29/05/2015	210	7.3	<10	-	-	-	0.056	<0.001	0.069	<0.0001	<0.001	<1	0.014	0.74	<0.001	0.025	<0.0001	1	0.034	<3	<0.05	<1	<5	0.011	350	86	0.29	0.019	<0.005	0.02	52	3.1	0.8	3.8	3.6	60	<0.5	18
Dunda Beds	C180117S	C180117S	21/07/2015	210	7	<10	-	-	-	0.006	<0.001	0.08	<0.0001	<0.001	<1	0.01	0.76	<0.001	0.025	<0.0001	1	0.047	<3	<0.05	<1	<5	0.014	350	81	0.22	0.009	<0.005	0.12	55	3.1	0.5	3.5	3.6	57	<0.5	16
Dunda Beds	C180117S	C180117S	11/09/2015	190	7.1	<10	-	-	-	0.014	<0.001	0.066	<0.0001	<0.001	<1	0.012	0.42	<0.001	0.017	<0.00005	<1	0.01	<3	<0.05	<1	<5	<0.005	310	80	0.19	0.035	<0.005	0.02	42	2.3	0.7	3.4	4	55	<0.5	13
Dunda Beds	C180117S	C180117S	27/11/2015	200	7.1	<10	-	-	-	0.058	<0.001	0.07	<0.0001	<0.001	<1	0.03	0.53	<0.001	0.021	<0.00005	<1	0.015	<3	<0.05	<1	<5	0.13	330	85	0.25	<0.005	<0.005	0.03	45	2.4	0.7	3.5	3.8	54	<0.5	15
Dunda Beds	C180117S	C180117S	28/02/2016	220	7.1	<10	-	-	-	0.069	<0.001	0.055	<0.0001	<0.001	<1	0.079	0.79	<0.001	0.02	<0.00005	<1	0.019	<3	<0.05	<1	<5	0.19	360	97	0.14	0.027	<0.005	0.01	43	2.2	0.6	3.3	3.4	52	<0.5	16
Dunda Beds	c180117s	C180117S	21/04/2016	180	7.2	<10	-	-	-	<0.005	<0.001	0.054	<0.0001	<0.001	<1	0.12	0.69	<0.001	0.025	<0.00005	<1	0.019	<3	<0.05	<1	<5	2.4	300	76	0.1	0.018	<0.005	0.02	35	1.9	0.5	2.9	3.1	53	<0.5	15
Dunda Beds	C180117S	C180117S	9/07/2016	170	7	<10	-	-	-	<0.005	<0.001	0.05	<0.0001	<0.001	<1	0.1	0.39	<0.001	0.018	<0.00005	<1	0.018	<3	<0.05	<1	<5	2	290	68	0.1	0.019	<0.005	0.01	30	1.9	0.5	2.9	3.1	51	<0.5	15
Dunda Beds	C180117S	C180117S	24/11/2016	170	7	<20	<20	<125	<3	0.017	<0.001	0.065	<0.0001	<0.001	<1	0.033	0.32	<0.001	0.013	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.042	280	69	0.13	0.37	<0.005	<0.01	39	1.6	0.5	2.9	3.9	47	<0.5	11
Dunda Beds	C180117S	C180117S	23/04/2017	170	6.8	<20	<20	<125	<3	0.053	<0.001	0.05	<0.0001	<0.001	<1	0.11	0.36	<0.001	0.014	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.012	280	70	0.12	0.013	<0.005	0.01	39	1.5	0.5	2.7	3.2	48	<0.5	12

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Joe Joe Formation	C9180124	9180124SI	29/04/2014	330	7.66	<20	<20	<100	<1	<0.01	<0.001	0.1	<0.0001	<0.001	1	<0.001	<0.05	<0.001	0.003	<0.0001	<1	0.005	<10	<1	<1	<10	0.255	508	34	-	-	-	<0.01	124	2	0.2	3	4	85	<0.1	6
Joe Joe Formation	C9180124	9180124SI	28/05/2014	286	6.45	<20	<20	<100	<1	<0.01	<0.001	0.09	<0.0001	<0.001	2	<0.001	<0.05	<0.001	0.003	<0.0001	<1	0.066	<10	<1	<1	<10	0.134	440	37	-	-	-	0.02	118	2	0.1	3	3	85	<0.1	7
Joe Joe Formation	C180124S	9180124SI	30/07/2014	260	6.5	<40	<50	-	<3	<0.005	<0.003	0.075	0.0001	0.0024	1	0.004	0.009	<0.001	<0.005	<0.0001	<1	0.005	<3	<0.05	<0.5	6	0.3	430	17	<0.005	0.22	<0.005	<0.02	110	2	<0.1	3	3.9	66	-	6.7
Joe Joe Formation	C9180124	9180124SI	28/09/2014	250	6.5	<40	<50	<650	<3	<0.005	<0.003	0.059	0.0001	0.0055	2	0.009	<0.005	0.001	<0.005	<0.00005	<1	0.008	<3	<0.05	<0.5	9	0.26	420	9	<0.005	0.18	<0.005	<0.02	110	2	0.1	3.2	4.2	64	<0.5	7.2
Joe Joe Formation	C9180124	9180124SI	22/11/2014	280	6.3	<40	<50	<400	<3	<0.005	<0.003	0.076	<0.0001	0.0069	2	0.003	0.009	0.007	<0.005	<0.00005	<1	0.017	<3	<0.05	<0.5	12	0.28	470	22	<0.005	0.14	<0.005	<0.02	110	1.9	0.1	3.3	4.1	64	<0.1	6
Joe Joe Formation	C9180124	9180124SI	8/02/2015	260	6.3	<40	<50	<400	<3	<0.005	<0.003	0.07	<0.0001	<0.001	2	0.002	0.019	<0.001	<0.005	<0.00005	<1	0.005	<3	<0.05	<0.5	<5	7.3	440	26	<0.005	0.14	<0.005	<0.02	110	2	0.1	3.4	4.3	60	<0.5	7
Joe Joe Formation	C9180124	9180124SI	28/03/2015	260	6.3	<40	<50	<400	<3	<0.005	<0.003	0.084	0.0002	<0.001	2	0.002	0.038	<0.001	<0.005	<0.00005	<1	0.017	<3	<0.05	<0.5	<5	9	430	31	<0.005	0.13	<0.005	<0.02	120	2	0.1	3.4	3.9	64	<0.5	7
Joe Joe Formation	C9180124	9180124SI	30/05/2015	260	6.1	<10	-	-	-	<0.005	<0.001	0.081	<0.0001	0.002	2	0.001	0.032	0.001	0.001	<0.0001	<1	0.004	<1	<0.05	<1	4	4.4	430	26	<0.005	0.15	<0.005	0.03	120	1.9	0.1	3.2	3.8	64	<0.5	6.6
Joe Joe Formation	C9180124	9180124SI	19/07/2015	260	6.4	<10	-	-	-	<0.005	<0.001	0.07	0.0001	<0.001	2	<0.001	0.11	<0.001	0.002	<0.0001	<1	0.004	<3	<0.05	<1	<5	7.6	440	31	<0.005	0.15	<0.005	<0.01	120	1.9	0.1	2.9	4	65	<0.5	6.4
Joe Joe Formation	C9180124	9180124SI	14/09/2015	260	6.4	<10	-	-	-	<0.005	<0.001	0.076	0.0001	<0.001	2	0.002	0.07	0.006	0.002	<0.00005	<1	0.012	<3	<0.05	<1	<5	4.5	430	26	<0.005	0.12	<0.005	<0.01	120	2	0.1	3.1	3.9	66	<0.5	6.5
Joe Joe Formation	C9180124	9180124SI	28/11/2015	250	6.4	<10	-	-	-	<0.005	<0.001	0.08	<0.0001	<0.001	2	<0.001	1.4	0.006	0.003	<0.00005	<1	0.009	<3	<0.05	<1	<5	3.6	420	27	<0.005	0.13	<0.005	0.02	110	2.1	0.1	3.1	4	63	<0.5	6.1
Joe Joe Formation	C9180124	9180124SI	25/02/2016	270	6.5	<10	-	-	-	<0.005	<0.001	0.088	<0.0001	<0.001	2	0.009	<0.005	<0.001	0.003	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.28	460	21	0.007	0.19	<0.005	0.01	120	2.6	0.1	3.5	4.3	74	<0.5	7.1
Joe Joe Formation	C9180124	9180124SI	20/04/2016	270	6.6	<10	-	-	-	<0.005	<0.001	0.077	<0.0001	0.0024	1	<0.001	0.011	<0.001	<0.001	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.14	450	16	<0.005	0.2	<0.005	<0.01	150	2.1	0.1	3.2	4.1	71	<0.5	6.4
Joe Joe Formation	C9180124	9180124SI	6/07/2016	270	6.2	<10	-	-	-	<0.005	<0.001	0.067	<0.0001	0.0021	1	<0.001	0.008	<0.001	0.003	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.22	460	27	0.006	0.2	<0.005	<0.01	120	2.2	0.1	3.2	4.1	69	<0.5	6.6
Joe Joe Formation	C9180124	9180124SI	22/11/2016	270	6.5	<20	<20	<125	<3	<0.005	<0.001	0.098	<0.0001	0.0018	2	<0.001	<0.005	<0.001	0.003	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.18	460	22	0.005	0.13	<0.005	<0.01	120	2.4	0.1	3.5	4.4	70	<0.5	7.4
Joe Joe Formation	C9180124	9180124SI	19/04/2017	270	6.3	<20	<20	660	<3	<0.005	<0.001	0.078	<0.0001	<0.001	2	0.003	<0.005	<0.001	0.003	<0.00005	<1	0.006	<3	<0.05	<1	<5	0.26	460	20	<0.005	0.16	<0.005	<0.01	100	2.2	0.1	3.2	3.7	69	0.6	6.5
Joe Joe Formation	C9180125	9180125SI	29/04/2014	635	8.67	260	270	<100	<1	<0.01	<0.001	0.22	<0.0001	<0.001	<1	0.003	<0.05	<0.001	0.028	<0.0001	2	0.006	<10	<1	<1	<10	0.081	977	297	-	-	-	0.02	142	8	0.5	4	5	216	0.3	6
Joe Joe Formation	C9180125	9180125SI	30/07/2014	560	8.5	<40	<50	<400	<3	0.037	<0.003	0.22	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.026	<0.0001	2	0.002	<3	<0.05	<0.5	<5	0.019	930	300	0.21	<0.005	<0.005	<0.02	120	8.3	0.5	3.5	5.8	170	-	5.4
Joe Joe Formation	C9180125	9180125SI	28/09/2014	560	8.4	<40	<50	<650	<3	0.046	<0.003	0.2	<0.0001	<0.001	<1	0.004	<0.005	0.001	0.026	<0.00005	2	0.001	<3	<0.05	<0.5	<5	0.057	930	280	0.39	<0.005	<0.005	<0.02	130	8.1	0.6	3.5	6.2	170	2.4	4.8
Joe Joe Formation	C9180125	9180125SI	22/11/2014	550	8.5	57	58	<400	<3	0.049	<0.003	0.21	<0.0001	<0.001	<1	0.003	0.005	0.002	0.025	<0.00005	2	0.001	<3	<0.05	<0.5	<5	0.026	920	290	0.41	<0.005	<0.005	0.03	130	8.4	0.5	3.5	6	170	1.4	3.1
Joe Joe Formation	C9180125	9180125SI	8/02/2015	570	8.8	<40	<50	470	<3	0.013	<0.003	0.22	<0.0001	<0.001	<1	0.002	0.027	0.009	0.026	<0.00005	2	0.004	<3	<0.05	<0.5	<5	0.23	950	290	0.059	<0.005	<0.005	<0.02	130	9.5	0.6	3.4	5.4	200	<0.5	2.5
Joe Joe Formation	C9180125	9180125SI	28/03/2015	550	8.7	<40	<50	<400	<3	<0.005	<0.003	0.22	<0.0001	<0.001	<1	<0.001	0.014	<0.001	0.01	<0.00005	2	0.005	<3	<0.05	<0.5	<5	0.22	910	290	0.043	<0.005	<0.005	<0.02	130	8.7	0.6	3.2	4.8	170	0.9	0.8
Joe Joe Formation	C9180125	9180125SI	31/05/2015	550	8.3	-	-	-	-	0.033	<0.001	0.23	<0.0001	<0.001	<1	0.002	0.078	0.007	0.032	<0.0001	2	0.007	<3	<0.05	<1	<5	0.074	910	300	0.13	<0.005	<0.005	0.01	130	9.3	0.7	3.6	4.9	180	0.7	8.6
Joe Joe Formation	C9180125	9180125SI	19/07/2015	560	8.2	22	-	-	-	0.03	<0.001	0.21	<0.0001	<0.001	<1	<0.001	0.077	<0.001	0.035	<0.0001	2	0.004	<3	<0.05	<1	<5	0.033	930	290	0.22	<0.005	<0.005	0.02	130	8.9	0.5	3.3	4.9	160	0.7	8.7
Joe Joe Formation	C9180125	9180125SI	14/09/2015	550	8.2	<10	-	-	-	0.024	<0.001	0.22	<0.0001	<0.001	<1	<0.001	0.06	<0.001	0.038	<0.00005	2	0.005	<3	<0.05	<1	<5	0.077	910	280	0.16	<0.005	<0.005	0.02	130	9.4	0.6	3.4	4.7	170	<0.5	8.4
Joe Joe Formation	C9180125	9180125SI	28/11/2015	540	8.3	<10	-	-	-	0.034	<0.001	0.23	<0.0001	<0.001	<1	<0.001	0.03	<0.001	0.036	<0.00005	2	0.005	<3	<0.05	<1	<5	0.068	900	290	0.14	<0.005	<0.005	0.01	130	9.6	0.6	3.5	5.1	170	0.6	8.4
Joe Joe Formation	C9180125	9180125SI	26/02/2016	600	8.2	<10	-	-	-	0.034	<0.001	0.29	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.029	<0.00005	5	0.003	<3	<0.05	<1	<5	0.012	1000	310	0.027	<0.005	<0.005	0.05	130	8.6	0.7	2.9	4.9	220	1.2	27
Joe Joe Formation	C9180125	9180125SI	19/04/2016	610	8.3	<10	-	-	-	0.025	<0.001	0.29	<0.0001	<0.001	<1	<0.001	0.025	<0.001	0.031	<0.00005	4	0.004	<3	<0.05	<1	<5	0.043	1000	310	0.27	<0.005	<0.005	0.01	130	9.2	0.7	3.3	5	220	<0.5	20
Joe Joe Formation	C9180125	9180125SI	6/07/2016	590	8.2	<10	-	-	-	0.018	<0.001	0.25	<0.0001	<0.001	<1	0.003	0.04	<0.001	0.035	<0.00005	4	0.003	<3	<0.05	<1	<5	0.11	990	330	0.22	<0.005	<0.005	0.01	130	8.7	0.7	3.1	4.9	210	0.6	17
Joe Joe Formation	C9180125	9180125SI	22/11/2016	600	8.3	<20	20	<125	5	0.018	<0.001	0.27	<0.0001	<0.001	<1	0.001	0.047	0.003	0.032	<0.00005	3	0.001	<3	<0.05	<1	<5	0.3	1000	310	0.25	<0.005	<0.005	0.01	130	9.2	0.7	3.2	5.1	200	0.8	18
Joe Joe Formation	C9180125	9180125SI	19/04/2017	610	8.3	<20	<20	450	<3	0.012	0.001	0.27	<0.0001	<0.001	<1	0.001	0.011	0.001	0.024	<0.00005	3	<0.001	<3	<0.05	1	<5	0.034	1000	290	0.31	<0.005	<0.005	0.02	120	8.1	0.7	3	4.6	210	1.4	18
Joe Joe Formation	CO12P1	C012P1	2/10/2011	1170	7.32	<20	<20	<100	<1	0.01	<0.001	0.41	<0.0001	<0.001	<1	<0.001	<0.05	<0.001	0.182	<0.0001	<1	0.001	<10	1	<1	<10	0.012	2010	84	0.2	0.03	0.01	0.33	549	26	0.3	29	11	334	<0.1	56
Joe Joe Formation	CO12P1	C012P1	8/11/2011	1350	6.43	<20	<20	<100	<1	<0.01	<0.001	0.32	<0.0001	0.001	<1	0.002	0.05	<0.001	0.173	<0.0001	<1	0.006	<10	<1	<1	<10	0.037	2080	82	0.02	0.05	<0.01	<0.01	551	31	0.3	33	13	301	<0.1	51
Joe Joe Formation	C012P1	C012P1	19/05/2013	1140	6.5	<20	<20	<100	<1	<0.01	<0.001	0.37	<0.0001	<0.001	<1	0.012	0.06	0.001	0.019	<0.0001	<1	<0.001	<10	<1	<1	<10	0.007	1940	79	0.02	0.06	<0.01	0.7	587	28	0.3	30	10	322	<0.1	51
Joe Joe Formation	C012P1_2	C012P1	1/05/2014	1310	6.81	<20	<20	<100	<1	<0.01	<0.001	0.42	<0.0001	<0.001	<1	0.011	<0.05	<0.001	0.016	<0.0001	<1	<0.001	<10	<1	<1	<10	0.032	2020	86	-	-	-	0.02	634	29	0.2	32	11	337	<0.1	59
Joe Joe Formation	C012P1_2	C012P1	26/05/2014	1360	6.88	<20	<20	<100	<1	<0.01	<0.001	0.38	<0.0001	<0.001	<1	0.014	<0.05	<0.001	0.012	<0.0001	<1	<0.001	<10	<1	<1	<10	0.022	2100	86	-	-	-	0.02	628	29	0.3	33	11	328	<0.1	54
Joe Joe Formation	CO12P2	C012P2	2/10/2011	1680	7.86	<20	<20	<100	<1	0.01	0.006	0.49	<0.0001	<0.001	<1	<0.001	1.62	<0.001	1.32	<0.0001	1	<0.001	<10	<1	1	<10	<0.005	2580	276	0.04	0.02	<0.01	<0.01	631	78	0.5	25	12	442	-	49
Joe Joe Formation	C012P2	C012P2	13/11/2011	1560	7.75	<20	<20	<100	<1	0.01	0.006	0.4	<0.0001	0.001	<1	<0.001	1.26	<0.001	0.924	<0.0001	<1	0.003	<10	<1	<1	<10	0.034	2660	369	0.04	0.02	<0.01	<0.01	614	84	0.4	30	18	384	0.1	43
Joe Joe Formation	C012P2	C012P2	19/05/2013	1810	7.58	<20	<20	<100	<1	0.02	0.003	0.4	<0.0001	<0.001	<1	<0.001	0.65	<0.001	0.458	<0.0001	2	0.001	<10	<1	<1	<10	0.014	2470	295	0.04	0.01	<0.01	0.06	656	75	0.4	26	13	407	0.2	39
Joe Joe Formation	C012P2_2	C012P2	1/05/2014	1660	7.77	<20	<20	<100	<1	<0.01	0.003	0.44	<0.0001	<0.001	<1	<0.001	0.64	<0.001	0.257	<0.0001	1	0.002	<10	<1	<1	<10	0.009	2550	297	-	-	-	0.02	725	81	0.4	29	14	426	<0.1	53
Joe Joe Formation	C012P2_2	C012P2	26/05/2014	1720	7.86	<20	<20	<100	<1	<0.01	0.002	0.46	<0.0001	<0.001	<1	<0.001	0.42	<0.001	0.326	<0.0001	1	0.002	<10	<1	<1	<10	0.009	2640	288	-	-	-	0.01	714	83	0.4	30	15	426	<0.1	44
Joe Joe Formation	C012P2	C012P2	31/07/2014	1600	7.9	<40	<50	<400	<3	<0.005	<0.003	0.47	0.0001	<0.001	<1	0.061	0.45	<0.001	0.37	<0.0001	2	0.007	<3	<0.05	0.7	<5	<0.005	2600	280	0.035	<0.005	<0.005	<0.02	630	83	0.3	28	20	390	-	49
Joe Joe Formation	C012P2_0	C012P2	24/09/2014	1600	7.9	<40	<50	<650	<3	0.01	<0.003	0.46	0.0001	<0.001	<1	0.04	0.3	<0.001	0.38	<0.00005	1	0.006	<3	<0.05	0.8	<5	<0.005	2700	280	0.011	<0.005	<0.005	<0.02	640	80	0.4	29	21	380	<0.5	50
Joe Joe Formation	C012P2_2	C012P2	18/11/2014	1600	7.8	<40	<50	<400	<3	0.011	<0.003	0.48	0.0001	<0.001	<1	0.013	0.37	<0.001	0.37	<0.00005	1	0.001	<3	<0.05	0.7	<5	<0.005	2600	280	0.011	<0.005	<0.005	<0.02	640	82	0.4	28	20	390	<0.5	50
Joe Joe Formation	C012P2_2	C012P2	5/02/2015	1600	7.9	<40	<50	<400	<3	0.023	<0.003	0.47	<0.0001	<0.001	<1	0.32	0.26	<0.001	0.44	<0.00005	2	0.018	<3	<0.05	1.1	<5	0.011	2600	290	<0.005	<0.005	<0.005	<0.02	610	81	0.4	27	21	380	<0.5	46
Joe Joe Formation	C012P2_2	C012P2	24/03/2015	1600	7.9	<40	<50	<400	<3	<0.005	0.003	0.47	<0.0001	<0.001	<1	0.18	0.35	<0.001	0.34	0.00013	1	0.008	<3	<0.05	0.7	<5	<0.005	2600	290	0.017	<0.005	<0.005	<0.02	600	81	0.4	29	19	400	<0.5	51
Joe Joe Formation	C012P2_2	C012P2	24/05/2015	1500	7.9	<10	-	-	-	0.022	0.001	0.48	<0.0001	<0.001	<1	0.19	0.35	<0.001	0.31	<0.0001	1	0.009	<3	<0.05	<1	<5	0.008	2500	290	0.006	0.01	<0.005	<0.01	620	82	0.4	28	20	390	<0.5	50
Joe Joe Formation	C012P2_2	C012P2	26/07/2015	1600	7.8	<10	-	-	-	0.013	0.001	0.5	<0.0001	<0.001	<1	0.017	0.31	<0.001	0.28	<0.00005	1	<0.001	<3	<0.05	<1	<5	0.016	2600	280	0.008	0.012	<0.005	0.01	640	82	0.3	28	22	390	-	53
Joe Joe Formation	C012P2_2	C012P2	8/09/2015	2800	11.8	<10	-	-	-	0.007	<0.001	0.15	<0.0001	<0.001	<1	0.003	0.052	<0.001	0.075	<0.00005	<1	<0.001	<1	<0.05	<1	<1	0.029	4600	620	0.012	<0.005	<0.005	<0.01	610	28	0.7	9.7	6.5	130	<0.5	17
Joe Joe Formation	C012P2_2	C012P2	24/11/2015	1500	7.7	<10	-	-	-	0.007	0.001	0.48	<0.0001	<0.001	<1	0.015	0.49	<0.001	0.22	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	2600	270	0.007	0.025	<0.005	0.01	610	83	0.4	28	20	400	<0.5	51
Joe Joe Formation	C012P2_1	C012P2	25/02/2016	1500	7.8	<10	-	-	-	0.01	0.002	0.5	<0.0001	<0.001	<1	0.041	0.45	<0.001	0.22	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.018	2500	280	<0.005	<0.005	<0.005	<0.01	600	84	0.4	29	19	440	<0.5	54
Joe Joe Formation	C012P2_0	C012P2	19/04/2016	1600	7.9	<10	-	-	-	0.01	0.001	0.52	<0.0001	<0.001	<1	0.002	0.44	<0.001	0.25	<0.00005	<1	<0.001	<3	<0.05	<1	<5	<0.005	2600	280	0.012	<0.005	<0.005	<0.01	790	83	0.4	29	19	450	<0.5	55
Joe Joe Formation	C012P2_0	C012P2	6/07/2016	1600	7.9	<10	-	-	-	0.01	0.002	0.46	<0.0001	<0.001	<1	0.036	0.25	<0.001	0.21	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.017	2600	280	0.014	<0.005	<0.005	0.01	610	78	0.4	27	20	430	<0.5	51
Joe Joe Formation	C012P2_1	C012P2	22/11/2016	1600	7.8	<20	<20	<130	<3	0.013	0.002	0.49	<0.0001	<0.001	<1	0.008	0.13	<0.001	0.2	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.009	2600	280	0.01	<0.005	<0.005	<0.01	630	84	0.4	29	20	420	<0.5	54
Joe Joe Formation	C012P2	C012P2	19/04/2017	1600	7.7	<20	<20	<125	<3	0.007	0.002	0.46	<0.0001	<0.001	<1	0.002	0.16	<0.001	0.19	<0.00005	<1	<0.001	3	<0.05	1	<5	<0.005	2600	260	0.031	0.007	<0.005	<0.01	620	77	0.3	27	18	420	<0.5	50
Joe Joe Formation	C14003SF	C14003SP	26/09/2014	31000	6.4	<40	<50	<650	<3	0.013	<0.001	3.3	<0.0001	<0.001	22	<0.001	0.83	<0.001	2.5	<0.00005	<1	0.024	<1	1.4	<0.5	<1	0.027	52000	48	0.81	<0.005	<0.005	0.03	20000	2400	0.2	1400	55	6500	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	18/11/2014	31000	6.7	<40	<50	<400	<3	<0.005	<0.001	3.2	<0.0001	<0.001	22	0.01	0.068	<0.001	1.7	<0.00005	<1	0.024	<1	<0.5	1.4	3	0.075	51000	65	0.75	<0.005	<0.005	<0.02	20000	2300	0.2	1400	42	6200	<0.5	2600
Joe Joe Formation	C14003SF	C14003SP	9/02/2015	31000	6.2	<40	<50	<400	<3	0.005	0.001	-	<0.0001	<0.001	26	0.001	1.7	<0.001	2.1	<0.00005	<1	0.029	1	<10	0.8	2	0.038	52000	48	0.65	<0.005	<0.005	<0.02	19000	2600	0.1	1500	50	6500	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	28/03/2015	31000	6.3	<40	<50	<400	<3	0.008	<0.001	3.7	<0.0001	0.001	29	0.008	1.8	<0.001	2.6	<0.00005	<1	0.033	1	<1	0.7	<1	0.034	51000	47	0.6	<0.005	<0.005	<0.02	19000	2500	0.2	1500	44	6600	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	25/05/2015	27000	6.5	<10	-	-	-	0.1	0.001	3.7	<0.0001	0.001	28	3.1	0.014	<0.001	2.1	<0.0001	2	0.031	1	<1	<1	2	0.064	45000	49	0.63	0.005	<0.005	<0.01	19000	2500	0.6	1500	47	7400	<0.5	2600
Joe Joe Formation	C14003SF	C14003SP	23/07/2015	31000	6.5	<10	-	-	-	<0.005	<0.001	4.4	<0.0001	0.001	29	0.69	0.008	<0.001	2.7	<0.00005	<1	0.03	1	<1	<1	<1	1	52000	48	0.64	<0.005	<0.005	0.03	20000	2700	-	1600	56	7400	-	2900
Joe Joe Formation	C14003SF	C14003SP	9/09/2015	30000	6.3	<10	-	-	-	<0.005	0.001	3.3	<0.0001	<0.001	30	0.96	0.02	<0.001	2.4	<0.00005	<1	0.033	4	<0.5	<1	2	0.067	49000	45	0.59	<0.005	<0.005	<0.01	15000	2400	-	1500	43	7000	<0.5	2500
Joe Joe Formation	C14003SF	C14003SP	26/11/2015	24000	6.2	<10	-	-	-	<0.005	<0.001	3.9	<0.0001	0.001	33	0.66	0.021	<0.001	2.7	<0.00005	<1	0.033	3	<0.5	<1	1	0.055	39000	48	0.65	<0.005	<0.005	<0.01	21000	2700	<1	1600	51	7700	<0.5	2800
Joe Joe Formation	C14003SF	C14003SP	27/02/2016	23000	6.4	<10	-	-	-	<0.005	<0.001	3.6	0.0001	<0.001	27	0.13	0.016	<0.001	2.5	<0.00005	<1	0.029	2	<0.5	<1	<1	0.037	38000	42	0.58	0.005	<0.005	<0.01	22000	2400	0.2	1500	50	7700	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	18/04/2016	32000	6.3	<10	-	-	-	<0.005	<0.001	3.8	<0.0001	<0.001	28	0.009	1.2	<0.001	2.5	<0.00005	<1	0.028	2	<0.5	<1	<1	0.031	53000	48	0.59	<0.005	<0.005	<0.01	20000	2600	0.1	1500	44	8000	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	5/07/2016	32000	6.4	<10	-	-	-	0.007	0.002	4.2	<0.0001	<0.001	28	0.011	0.63	<0.001	2.3	<0.00005	<1	0.026	2	<0.5	<1	5	0.045	53000	50	0.65	<0.005	<0.005	<0.01	19000	2600	0.1	1600	48	7100	<0.5	2800
Joe Joe Formation	C14003SF	C14003SP	23/11/2016	32000	6.4	<20	<20	<130	<3	<0.005	<0.001	3.7	<0.0001	<0.001	25	0.014	0.79	<0.001	2.1	<0.00005	<1	0.025	3	<0.5	<1	<1	0.023	53000	43	0.57	<0.005	<0.005	<0.01	21000	2500	<1.4	1500	47	8000	<0.5	2700
Joe Joe Formation	C14003SF	C14003SP	21/04/2017	32000	6.2	<20	<20	<125	<3	0.026	0.002	3.6	0.0001	<0.001	28	0.001	1.2	0.01	2.5	<0.00005	<1	0.031	6	<1	<1	<1	0.063	54000	45	0.6	0.023	<0.005	<0.01	20000	2500	<1.4	1500	45	8400	<0.5	2600
Joe Joe Formation	C14006SF	C14006SP	11/09/2015	5000	7.4	<10	-	-	-	<0.005	<0.001	0.46	<0.0001	<0.001	1	<0.001	2.7	<0.001	0.38	<0.00005	<1	0.001	3	<0.1	<1	2	0.087	8300	140	0.63	<0.005	<0.005	0.01	2500	180	0.8	84	39	1400	<0.5	210
Joe Joe Formation	C14006SF	C14006SP	26/11/2015	5200	7.2	<10	-	-	-	<0.005	<0.001	0.49	<0.0001	<0.001	1	<0.001	0.33	<0.001	0.39	<0.00005	<1	0.001	<1	<0.1	<1	<1	0.054	8600	120	0.43	0.01	<0.005	0.02	2600	190	0.8	86	36	1400	<0.5	210
Joe Joe Formation	C14006SF	C14006SP	26/02/2016	4800	7.1	<10	-	-	-	<0.005	<0.001	0.51	<0.0001	<0.001	1	<0.001	1.9	<0.001	0.39	<0.00005	<1	<0.001	<1	<0.1	<1	<1	0.056	8000	140	0.42	0.005	<0.005	0.02	2600	190	0.8	85	39	1500	<0.5	220
Joe Joe Formation	C14006SF	C14006SP	18/04/2016	5200	7.1	<10	-	-	-	<0.005	0.001	0.53	<0.0001	<0.001	11	<0.001	3.7	<0.001	0.4	<0.00005	<1	0.008	<1	0.06	<1	<1	0.33	8700	140	0.44	<0.005	<0.005	0.02	2400	180	0.8	84	39	1500	<0.5	230
Joe Joe Formation	C14006SF	C14006SP	5/07/2016	5100	7.2	<10	-	-	-	<0.005	<0.001	0.48	<0.0001	<0.001	1	<0.001	1.3	<0.001	0.39	<0.00005	<1	<0.001	<1	<0.1	<1	2	0.095	8600	140	0.54	0.008	<0.005	0.02	2600	180	0.8	80	39	1500	<0.5	210
Joe Joe Formation	C14006_1	C14006SP	21/11/2016	5200	7	<20	<20	<130	<3	<0.005	<0.001	0.55	<0.0001	<0.001	8	0.002	2.9	<0.001	0.39	<0.00005	<1	0.006	2	0.12	<1	<1	0.15	8700	140	0.47	<0.005	<0.005	0.02	2800	190	0.9	90	43	1500	<0.5	250
Joe Joe Formation	C14006SF	C14006SP	20/04/2017	5100	6.7	<20	<20	<125	<3	<0.005	<0.001	0.49	<0.0001	<0.001	<1	<0.001	1.6	<0.001	0.39	<0.00005	<1	0.001	<1	<0.1	<1	2	0.035	8500	140	0.71	<0.005	<0.005	0.02	2500	180	0.8	83	38	1500	<0.5	210
Joe Joe Formation	C14008SF	C14008SP	21/11/2014	720	7.6	<40	<50	<400	<3	0.007	<0.003	0.14	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.46	<0.00005	2	<0.001	<3	<0.05	0.6	<5	0.71	1200	160	<0.005	<0.005	<0.005	0.02	190	33	1	11	6.8	130	5.1	27
Joe Joe Formation	C14008SF	C14008SP	9/02/2015	430	6.8	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001	<0.001	5	<0.001	2.1	<0.001	0.24	<0.00005	<1	0.005	<3	<0.05	<0.5	<5	0.064	710	55	0.02	<0.005	<0.005	<0.02	170	12	0.3	6.9	6.5	110	<0.5	15
Joe Joe Formation	C14008SF	C14008SP	21/07/2015	410	6.9	<10	-	-	-	<0.005	0.001	0.1	<0.0001	<0.001	6	<0.001	2.6	<0.001	0.19	<0.0001	<1	0.009	<3	<0.05	<1	<5	0.086	690	50	0.027	<0.005	<0.005	0.01	180	12	0.2	6.9	6.8	100	<0.5	15
Joe Joe Formation	C14008SF	C14008SP	11/09/2015	410	7	<10	-	-	-	<0.005	<0.001	0.094	<0.0001	<0.001	6	<0.001	2.4	<0.001	0.17	<0.00005	2	0.009	<3	<0.05	<1	<5	0.67	690	52	0.046	<0.005	<0.005	<0.01	180	11	0.3	6.3	6.1	92	<0.5	13
Joe Joe Formation	C14008SF	C14008SP	27/11/2015	380	6.5	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	8	<0.001	2.1	<0.001	0.14	<0.00005	<1	0.01	<3	<0.05	<1	<5	0.19	640	37	0.011	<0.005	<0.005	0.01	170	8.6	0.2	6	5.7	89	<0.5	12
Joe Joe Formation	C14008SF	C14008SP	25/02/2016	390	6.6	<10	-	-	-	<0.005	0.001	0.11	<0.0001	<0.001	8	<0.001	2.6	<0.001	0.18	<0.00005	<1	0.011	<3	<0.05	<1	<5	0.11	650	39	0.06	<0.005	<0.005	<0.01	170	9	0.2	6.3	5.7	100	<0.5	13
Joe Joe Formation	C14008SF	C14008SP	18/04/2016	400	6.7	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	8	<0.001	2.5	<0.001	0.14	<0.00005	<1	0.011	<3	<0.05	<1	<5	0.11	660	43	0.007	<0.005	<0.005	0.02	160	8.3	0.2	6.1	5.5	100	<0.5	13
Joe Joe Formation	C14008SF	C14008SP	5/07/2016	400	6.6	<10	-	-	-	<0.005	<0.001	0.08	<0.0001	<0.001	8	<0.001	<0.005	<0.001	0.14	<0.00005	<1	0.011	<3	<0.05	<1	<5	0.12	670	41	0.012	<0.005	<0.005	0.01	170	7.7	0.2	5.7	5.6	93	<0.5	12
Joe Joe Formation	C14008SF	C14008SP	23/11/2016	400	6.7	<20	<20	<125	<3	<0.005	0.001	0.11	<0.0001	<0.001	8	<0.001	<0.005	<0.001	0.16	<0.00005	<1	0.01	<3	<0.05	<1	<5	0.051	670	42	0.015	<0.005	<0.005	0.02	170	8.7	0.2	6.5	6	98	<0.5	14
Joe Joe Formation	C14008SF	C14008SP	20/04/2017	400	6.3	<20	<20	<125	<3	<0.005	<0.001	0.099	<0.0001	<0.001	8	<0.001	2.5	<0.001	0.13	<0.00005	<1	0.01	<3	<0.05	<1	<5	0.088	660	38	0.02	<0.005	<0.005	0.02	170	7.6	0.2	5.8	5.2	95	<0.5	13
Joe Joe Formation	C14014SF	C14014SP	22/11/2014	440	6.6	<40	<50	<400	<3	0.008	<0.003	0.1	0.0002	<0.001	2	0.009	0.006	<0.001	0.54	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.26	740	64	0.006	0.1	<0.005	<0.02	170	16	0.3	7.7	6.8	93	<0.1	14
Joe Joe Formation	C14014SF	C14014SP	8/02/2015	450	6.8	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001	<0.001	2	0.009	0.006	<0.001	0.79	<0.00005	<1	0.003	<3	<0.05	<0.5	<5	0.15	750	57	<0.005	0.11	<0.005	<0.02	180	15	0.3	8.7	7.1	110	<0.5	13
Joe Joe Formation	C14014SF	C14014SP	28/03/2015	380	6.8	<40	<50	<400	<3	<0.005	<0.003	0.13	<0.0001	<0.001	1	<0.001	0.007	<0.001	0.57	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.018	640	58	0.007	0.099	<0.005	<0.02	170	12	0.3	6.6	5.9	84	<0.5	14
Joe Joe Formation	C14014SF	C14014SP	31/05/2015	310	6.4	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	<1	<0.001	0.078	<0.001	0.021	<0.0001	<1	0.002	<3	<0.05	<1	<5	0.018	510	27	<0.005	0.15	<0.005	<0.01	140	3.8	0.2	4	5.2	76	<0.5	12
Joe Joe Formation	C14014SF	C14014SP	19/07/2015	310	6.3	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	<1	<0.001	0.055	<0.001	0.015	<0.0001	<1	0.002	<3	<0.05	<1	<5	0.008	520	27	0.007	0.25	<0.005	<0.01	140	3.4	0.2	3.6	5.2	68	<0.5	11
Joe Joe Formation	C14014SF	C14014SP	14/09/2015	300	6.5	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	<1	<0.001	0.054	<0.001	0.018	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.015	510	24	0.006	0.17	<0.005	0.01	130	3.6	0.2	3.9	5.2	77	<0.5	12
Joe Joe Formation	C14014SF	C14014SP	28/11/2015	300	6.6	<10	-	-	-	<0.005	<0.001	0.1	<0.0001	<0.001	1	<0.001	0.11	<0.001	0.01	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.008	490	27	<0.005	0.22	<0.005	0.01	130	3.6	0.2	3.9	5.4	73	<0.5	11
Joe Joe Formation	C14014SF	C14014SP	25/02/2016	310	6.6	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	1	0.001	0.043	<0.001	0.01	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.01	510	25	<0.005	0.25	<0.005	0.03	130	3.8	0.2	4.1	5.4	83	<0.5	12
Joe Joe Formation	C14014SF	C14014SP	19/04/2016	310	6.5	<10	-	-	-	<0.005	<0.001	0.11	<0.0001	<0.001	<1	0.005	0.053	0.001	0.007	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.029	510	28	<0.005	0.18	<0.005	0.01	99	3.7	0.2	4.1	5.2	79	<0.5	12
Joe Joe Formation	C14014SF	C14014SP	6/07/2016	310	6.5	<10	-	-	-	<0.005	<0.001	0.09	<0.0001	<0.001	<1	0.026	0.027	0.001	0.015	<0.00005	<1	0.003	<3	<0.05	<1	<5	0.13	520	27	<0.005	0.25	<0.005	0.01	130	3.7	0.2	4	5.3	78	<0.5	12
Joe Joe Formation	C14014SF	C14014SP	22/11/2016	310	6.4	<20	<20	<260	<3	0.006	<0.001	0.11	<0.0001	<0.001	1	0.003	0.038	<0.001	0.008	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.018	520	27	<0.005	0.17	<0.005	<0.01	130	3.9	0.2	4.2	5.6	80	<0.5	13
Joe Joe Formation	C14014SF	C14014SP	19/04/2017	310	6.4	<20	<20	<125	<3	<0.005	<0.001	0.099	<0.0001	<0.001	1	0.004	0.01	<0.001	0.004	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.031	520	26	<0.005	0.14	<0.005	<0.01	130	3.6	0.2	3.9	4.8	77	<0.5	12
Joe Joe Formation	C14015SF	C14015SP	22/11/2014	1300	7.6	<40	<50	<400	<3	0.009	0.011	0.38	0.0001	<0.001	6	<0.001	0.13	<0.001	0.15	<0.00005	3	0.009	<3	<0.05	<0.5	<5	0.15	2100	150	0.094	<0.005	<0.005	0.24	530	19	0.7	8.6	11	370	0.2	45
Joe Joe Formation	C14015SF	C14015SP	28/03/2015	1400	7.5	<40	<50	<400	<3	<0.005	0.011	0.4	<0.0001	<0.001	5	<0.001	0.023	<0.001	0.38	<0.00005	3	0.009	<3	<0.05	<0.5	<5	0.018	2300	150	0.14	<0.005	<0.005	0.05	580	16	0.8	11	12	420	<0.5	63
Joe Joe Formation	C14015SF	C14015SP	31/05/2015	1600	7.4	<10	-	-	-	<0.005	0.004	0.4	<0.0001	<0.001	5	<0.001	<0.005	<0.001	0.69	<0.0001	1	0.009	<3	<0.05	<1	<5	0.07	2700	150	0.09	<0.005	<0.005	0.02	700	22	0.7	16	13	490	<0.5	68
Joe Joe Formation	C14015SF	C14015SP	19/07/2015	1600	7.3	<10	-	-	-	<0.005	0.003	0.38	<0.0001	<0.001	3	<0.001	0.044	<0.001	0.58	<0.0001	1	0.007	<3	<0.05	<1	<5	4.4	2600	160	0.11	<0.005	<0.005	0.03	660	19	0.6	13	13	430	0.5	61
Joe Joe Formation	C14015SF	C14015SP	14/09/2015	1600	7.4	<10	-	-	-	<0.005	0.002	0.39	<0.0001	<0.001	3	<0.001	0.068	<0.001	0.82	<0.00005	1	0.004	<3	<0.05	<1	<5	1.5	2600	150	0.11	<0.005	<0.005	0.02	630	20	0.6	14	13	450	<0.5	67
Joe Joe Formation	C14015SF	C14015SP	28/11/2015	1500	7.3	<10	-	-	-	0.012	0.001	0.41	0.0001	<0.001	2	0.002	0.006	0.001	0.72	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.033	2500	130	0.043	<0.005	<0.005	0.14	660	21	0.6	15	14	460	<0.5	64
Joe Joe Formation	C14015SF	C14015SP	27/02/2016	1400	7.4	<10	-	-	-	<0.005	<0.001	0.41	<0.0001	<0.001	2	<0.001	0.064	<0.001	0.54	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.045	2400	130	0.033	<0.005	<0.005	0.04	620	19	0.5	14	13	490	<0.5	65
Joe Joe Formation	C14015SF	C14015SP	19/04/2016	1500	7.4	<10	-	-	-	<0.005	<0.001	0.43	<0.0001	<0.001	1	<0.001	0.012	<0.001	0.54	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.053	2500	130	0.024	<0.005	<0.005	0.03	320	19	0.6	14	12	510	<0.5	65
Joe Joe Formation	C14015SF	C14015SP	6/07/2016	1500	7.2	<10	-	-	-	<0.005	<0.001	0.38	<0.0001	<0.001	1	<0.001	0.025	<0.001	0.44	<0.00005	<1	<0.001	<3	<0.05	<1	<5	0.044	2500	140	0.038	<0.005	<0.005	0.05	630	17	0.6	13	12	490	<0.5	61
Joe Joe Formation	C14015SF	C14015SP	22/11/2016	1500	7.3	<20	<20	<130	<3	<0.005	<0.001	0.42	<0.0001	<0.001	2	<0.001	0.069	<0.001	0.52	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.12	2500	140	0.025	<0.005	<0.005	0.03	660	20	0.5	15	14	500	<0.5	70
Joe Joe Formation	C14015SF	C14015SP	20/04/2017	1500	6.9	<20	<20	<125	<3	<0.005	<0.001	0.4	<0.0001	<0.001	1	<0.001	0.069	<0.001	0.43	<0.00005	<1	0.001	<3	<0.05	<1	<5	0.068	2500	140	0.034	<0.005	<0.005	0.04	640	18	0.5	14	12	490	<0.5	63
Joe Joe Formation	C14016SF	C14016SP	28/03/2015	1700	6.7	<40	<50	<400	<3	0.008	0.012	0.36	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.15	<0.00005	6	<0.001	<3	<0.05	<0.5	<5	0.006	2800	210	0.54	<0.005	<0.005	2.1	710	45	0.9	11	15	490	1	68
Joe Joe Formation	C14016SF	C14016SP	1/06/2015	1600	9.6	<10	-	-	-	0.01	0.009	0.31	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.045	<0.0001	14	<0.001	<3	<0.05	<1	<5	<0.005	2700	210	1.3	<0.005	<0.005	1.9	660	30	0.8	5.6	15	500	1.1	71
Joe Joe Formation	C14016SF	C14016SP	14/09/2015	1600	8.9	<10	-	-	-	0.02	0.007	0.32	<0.0001	<0.001	<1	<0.001	0.017	<0.001	0.048	<0.00005	6	<0.001	<3	<0.05	<1	<5	0.009	2600	170	0.77	<0.005	<0.005	0.48	650	33	0.8	6.6	13	460	<0.5	59
Joe Joe Formation	C14017SF	C14017SP	23/11/2014	4100	8	<40	<50	<400	6	0.01	<0.006	0.66	0.0003	<0.002	<2	<0.002	<0.005	0.001	0.19	<0.00005	16	0.007	<6	<0.1	<0.5	<5	0.018	6800	210	0.24	0.006	<0.005	<0.02	2000	120	0.7	70	56	970	3	110
Joe Joe Formation	C14017SF	C14017SP	8/02/2015	4200	7.7	<40	<50	<400	<3	0.01	<0.006	0.63	<0.0002	<0.002	3	<0.002	0.007	<0.002	1.4	<0.00005	4	0.002	2	<0.1	<0.5	<5	0.007	7000	260	0.13	0.007	<0.005	<0.02	2000	180	0.8	77	33	1000	0.5	120
Joe Joe Formation	C14017SF	C14017SP	28/03/2015	4100	7.6	<40	<50	<400	<3	0.007	0.006	0.69	0.0002	<0.002	3	<0.002	0.023	<0.002	1.6	<0.00005	3	0.002	<6	<0.1	0.5	<5	0.008	6800	260	0.14	<0.005	<0.005	0.28	2100	180	1	78	33	1100	<0.5	130
Joe Joe Formation	C14017SF	C14017SP	31/05/2015	4200	7.7	<10	-	-	-	0.008	0.004	0.71	<0.0001	<0.001	3	<0.001	0.049	<0.001	1.2	<0.0001	2	0.001	<1	<0.1	<1	<1	0.57	7000	260	0.15	<0.005	<0.005	0.02	2100	170	0.9	79	32	1000	<0.5	120
Joe Joe Formation	C14017SF	C14017SP	19/07/2015	4100	7.5	<10	-	-	-	<0.005	0.003	0.67	<0.0001	<0.001	3	<0.001	0.17	<0.001	1	<0.0001	2	0.002	<1	<0.1	<1	<5 - 2	0.085	6800	230	0.2	<0.005	<0.005	0.01	2100	150	0.8	73	32	970	<0.5	110
Joe Joe Formation	C14017SF	C14017SP	14/09/2015	3800	7.6	<10	-	-	-	0.006	0.003	0.68	<0.0001	<0.001	3	0.02	0.22	<0.001	0.94	<0.00005	2	0.009	1	<0.1	<1	3	0.15	6400	230	0.14	<0.005	<0.005	0.03	1800	150	0.8	72	31	950	<0.5	100
Joe Joe Formation	C14017SF	C14017SP	28/11/2015	1900	7.4	<10	-	-	-	0.031	0.003	0.72	<0.0001	<0.001	3	<0.001	0.068	<0.001	0.94	<0.00005	<1	0.002	1	<0.1	<1	<1	0.059	3100	240	0.13	<0.005	<0.005	0.03	2000	150	1	73	33	1000	<0.5	100
Joe Joe Formation	C14017SF	C14017SP	27/02/2016	3000	7.8	<10	-	-	-	<0.005	0.001	0.79	<0.0001	<0.001	1	<0.001	<0.005	<0.001	0.67	<0.00005	4	<0.001	<1	<0.05	<1	<1	0.018	4900	270	0.12	<0.005	<0.005	<0.01	1600	110	1	54	24	870	<0.5	47
Joe Joe Formation	C14017SF	C14017SP	19/04/2016	3900	7.3	<10	-	-	-	<0.005	0.002	0.72	<0.0001	<0.001	2	<0.001	0.15	<0.001	0.85	<0.00005	2	0.001	<1	<0.1	<1	<1	<0.005	6600	190	0.13	<0.005	<0.005	0.01	2300	150	0.8	72	31	1100	<0.5	120
Joe Joe Formation	C14017SF	C14017SP	6/07/2016	4100	7.2	<10	-	-	-	<0.005	0.002	0.67	<0.0001	<0.001	3	<0.001	0.23	<0.001	0.98	<0.00005	<1	<0.001	<1	<0.1	<1	7	0.66	6800	190	0.12	<0.005	<0.005	0.01	2000	150	0.7	74	32	1000	<0.5	120
Joe Joe Formation	C14017SF	C14017SP	22/11/2016	4100	7.3	<20	<20	<125	<3	<0.005	0.004	0.72	<0.0001	<0.001	3	<0.001	0.6	<0.001	0.89	<0.00005	<1	0.001	3	<0.1	<1	<1	0.27	6800	180	0.096	<0.005	<0.005	0.02	2000	150	0.7	78	34	1100	<0.5	130
Joe Joe Formation	C14017SF	C14017SP	19/04/2017	3100	7.6	<20	<20	<125	<3	0.005	0.002	0.77	<0.0001	<0.001	1	<0.001	<0.005	<0.001	0.62	<0.00005	3	<0.001	<1	<0.1	<1	8	0.028	5200	260	0.12	<0.005	<0.005	0.01	1500	100	1.1	50	23	840	<0.5	38
Joe Joe Formation	C180119S	C180119S	29/04/2014	832	8.44	<20	<20	<100	<1	<0.01	0.001	0.18	<0.0001	<0.001	<1	<0.001	3.05	<0.001	0.046	<0.0001	<1	0.003	<10	<1	<1	<10	0.118	1280	203	-	-	-	0.01	275	11	0.5	8	5	218	<0.1	4
Joe Joe Formation	C180119S	C180119S	28/05/2014	443	6.71	<20	<20	<100	<1	<0.01	<0.001	0.12	<0.0001	<0.001	<1	<0.001	1.14	<0.001	0.015	<0.0001	<1	0.006	<10	<1	<1	<10	0.164	682	47	-	-	-	0.01	200	4	0.1	4	3	136	<0.1	8
Joe Joe Formation	C180119S	C180119S	30/07/2014	400	7	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001	<0.001	<1	<0.001	1.3	<0.001	0.011	<0.0001	<1	<0.001	<3	<0.05	<0.5	<5	0.17	670	51	0.24	<0.005	<0.005	<0.02	170	3.3	0.1	3.2	3.8	97	-	7.3
Joe Joe Formation	C180119S	C180119S	30/05/2015	410	7.5	<10	-	-	-	<0.005	0.001	0.13	<0.0001	<0.001	<1	<0.001	0.77	<0.001	0.047	<0.0001	1	<0.001	<1	<0.1	<1	<1	0.64	680	70	0.094	<0.005	<0.005	0.11	170	26	<0.1	3.7	4.4	100	<0.5	8.7
Joe Joe Formation	C180123S	C180123S	29/04/2014	592	8.59	<20	<20	<100	<1	<0.01	0.002	0.33	<0.0001	<0.001	<1	0.001	0.41	<0.001	0.19	<0.0001	3	<0.001	<10	<1	<1	<10	0.006	910	251	-	-	-	<0.01	113	8	0.6	6	5	171	<0.1	25
Joe Joe Formation	C180123S	C180123S	28/05/2014	495	7.63	<20	<20	<100	<1	<0.01	0.001	0.31	<0.0001	<0.001	<1	<0.001	0.24	<0.001	0.169	<0.0001	3	<0.001	<10	<1	<1	<10	0.019	762	198	-	-	-	0.02	118	7	0.6	5	4	157	<0.1	27
Joe Joe Formation	C180123S	C180123S	30/07/2014	500	8.2	<40	<50	<400	<3	0.37	<0.003	0.34	<0.0001	<0.001	<1	0.006	0.13	<0.001	0.037	<0.0001	4	<0.001	<3	<0.05	<0.5	<5	<0.005	830	250	0.039	0.012	<0.005	0.04	110	7.4	0.6	3.8	3.8	150	-	26
Joe Joe Formation	C180123S	C180123S	28/09/2014	500	8.8	<40	<50	<650	<3	0.051	<0.003	0.35	<0.0001	<0.001	<1	<0.001	0.019	<0.001	0.038	<0.00005	4	<0.001	<3	<0.05	<0.5	<5	<0.005	840	240	0.034	<0.005	0.016	0.09	110	7.1	0.7	4.2	4.8	150	<0.5	29
Joe Joe Formation	C180123S	C180123S	22/11/2014	540	8	<40	<50	<400	<3	0.26	<0.003	0.34	0.0002	<0.001	<1	0.008	0.12	0.024	0.064	<0.00005	5	0.23	<3	<0.05	<0.5	<5	0.078	900	230	0.04	0.008	<0.005	0.07	110	8.2	0.6	4.3	4.6	150	<0.1	24
Joe Joe Formation	C180123S	C180123S	8/02/2015	500	8.2	<40	<50	<400	<3	0.041	<0.003	0.34	0.0001	<0.001	<1	0.001	0.014	<0.001	0.034	<0.00005	5	0.001	<3	<0.05	<0.5	<5	<0.005	840	240	0.034	<0.005	<0.005	0.02	100	7	0.7	3.5	4.3	170	<0.5	27
Joe Joe Formation	C180123S	C180123S	28/03/2015	490	8.1	<40	<50	<400	<3	<0.005	<0.003	0.35	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.04	<0.00005	4	<0.001	<3	<0.05	<0.5	<5	<0.005	810	250	0.028	<0.005	<0.005	<0.02	110	7.4	0.8	4.3	4.5	150	<0.5	28
Joe Joe Formation	C180123S	C180123S	31/05/2015	480	8.3	<10	-	-	-	0.005	0.003	0.35	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.032	<0.0001	4	0.006	<3	<0.05	<1	<5	<0.005	810	250	0.035	<0.005	<0.005	0.02	110	7.1	0.7	3.5	4	160	<0.5	22
Joe Joe Formation	C180123S	C180123S	19/07/2015	500	8.1	<10	-	-	-	<0.005	0.003	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.034	<0.0001	4	<0.001	<3	<0.05	<1	<5	<0.005	830	250	0.039	<0.005	<0.005	0.02	110	6.7	0.6	3.4	4.1	140	<0.5	24
Joe Joe Formation	C180123S	C180123S	14/09/2015	480	8.2	<10	-	-	-	1.4	0.003	0.32	<0.0001	0.0011	<1	<0.001	0.36	<0.001	0.025	<0.00005	4	<0.001	<3	<0.05	<1	<5	<0.005	800	250	0.041	<0.005	<0.005	0.03	110	6.3	0.6	3.2	3.8	140	<0.5	22
Joe Joe Formation	C180123S	C180123S	28/11/2015	470	8.2	<10	-	-	-	0.01	0.004	0.34	<0.0001	<0.001	<1	<0.001	0.02	<0.001	0.033	<0.00005	4	<0.001	<3	<0.05	<1	<5	<0.005	790	240	0.031	<0.005	<0.005	0.03	100	7.2	0.6	3.6	4.3	150	<0.5	22
Joe Joe Formation	C180123S	C180123S	26/02/2016	480	8.1	<10	-	-	-	<0.005	0.003	0.36	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.032	<0.00005	4	<0.001	<3	<0.05	<1	<5	<0.005	790	240	0.026	<0.005	<0.005	0.02	100	7.2	0.6	3.5	4	170	<0.5	21
Joe Joe Formation	C180123S	C180123S	19/04/2016	490	8.3	<10	-	-	-	0.044	0.003	0.36	<0.0001	<0.001	<1	<0.001	0.013	<0.001	0.026	<0.00005	4	<0.001	<3	<0.05	<1	<5	<0.005	820	250	0.03	<0.005	0.013	0.03	110	7	0.6	3.4	3.9	170	<0.5	23
Joe Joe Formation	C180123S	C180123S	6/07/2016	490	8.1	<10	-	-	-	<0.005	0.003	0.32	<0.0001	<0.001	<1	<0.001	0.009	<0.001	0.028	<0.00005	4	<0.001	<3	<0.05	<1	<5	0.031	820	280	0.037	<0.005	<0.005	0.03	100	6.6	0.6	3.2	3.9	160	<0.5	21
Joe Joe Formation	C180123S	C180123S	22/11/2016	490	8.3	<20	<20	<125	<3	<0.005	0.003	0.35	<0.0001	<0.001	<1	<0.001	0.005	<0.001	0.013	<0.00005	3	<0.001	<3	<0.05	<1	<5	<0.005	820	250	0.033	<0.005	<0.005	0.02	100	7.4	0.6	3.6	4.3	170	<0.5	24
Joe Joe Formation	C180123S	C180123S	19/04/2017	500	8.2	<20	<20	<125	<3	<0.005	0.004	0.33	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.021	<0.00005	3	<0.001	<3	<0.05	<1	<5	<0.005	830	250	0.056	0.013	<0.005	0.03	100	6.8	0.6	3.3	3.7	160	<0.5	20
Joe Joe Formation	C914001S	C914001S	26/09/2014	13000	6.9	<40	<50	<650	<3	<0.005	0.003	1.8	<0.0001	<0.001	3	<0.001	5.3	<0.001	0.83	<0.00005	6	0.004	<1	<0.5	10	<1	4.2	21000	240	0.49	<0.005	<0.005	0.02	6800	840	0.3	390	110	3300	0.7	1600
Joe Joe Formation	C914001S	C914001S	19/11/2014	13000	7	<40	<50	<400	<3	0.01	0.02	1.6	<0.0001	<0.001	<1	<0.001	5.3	<0.001	0.68	<0.00005	8	0.004	<1	<0.5	3.5	4	0.049	22000	210	0.86	<0.005	<0.005	0.04	7000	170	0.3	73	21	3200	1.9	300
Joe Joe Formation	C914001S	C914001S	25/03/2015	13000	7	<40	<50	<400	<3	<0.005	0.002	2	<0.0005	<0.001	1	<0.001	11	<0.001	1	<0.00005	<1	0.002	<1	<0.5	3.3	<1	0.005	21000	230	0.45	<0.005	<0.005	<0.02	6800	840	0.3	430	120	3500	<0.5	1600
Joe Joe Formation	C914001S	C914001S	28/05/2015	12000	7.1	<10	-	-	-	0.027	0.001	2	<0.0001	<0.001	1	<0.001	8.6	<0.001	0.92	<0.0001	<1	0.003	<1	<0.5	4	3	0.028	21000	230	0.47	0.011	<0.005	0.01	6900	880	0.3	440	120	3100	0.6	1500
Joe Joe Formation	C914001S	C914001S	23/07/2015	13000	6.9	<10	-	-	-	<0.005	0.002	1.9	<0.0001	<0.001	<1	<0.001	8.1	<0.001	0.88	<0.00005	<1	0.001	1	<0.5	3	<1	<0.005	21000	230	0.45	<0.005	<0.005	<0.01	7000	860	-	410	92	3300	-	1400
Joe Joe Formation	C914001S	C914001S	11/09/2015	12000	7	<10	-	-	-	<0.005	0.002	2	<0.0001	<0.001	1	<0.001	8	<0.001	0.91	<0.00005	<1	0.002	2	<0.25	3	3	0.016	20000	210	0.39	<0.005	<0.005	<0.01	6300	910	-	450	99	3600	<0.5	1300
Joe Joe Formation	C914001S	C914001S	25/11/2015	9400	7	<10	-	-	-	<0.005	0.001	2	<0.0001	<0.001	1	<0.001	9.2	<0.001	0.93	<0.00005	<1	0.002	<1	<0.5	3	1	0.03	16000	200	0.35	0.018	<0.005	0.02	6600	870	0.3	430	94	3400	<0.5	1400

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filt	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia	Nitrate (as	Nitrite (as	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Joe Joe Formation	C914001S	C914001S	26/02/2016	8900	7	<10	-	-	-	<0.005	0.001	2	<0.0001	<0.001	<1	<0.001	7.7	<0.001	0.99	<0.00005	<1	0.001	<1	<0.15	3	<1	<0.005	15000	210	0.26	<0.005	<0.005	<0.01	7000	870	0.3	430	120	3700	<0.5	1600
Joe Joe Formation	C914001S	C914001S	20/04/2016	13000	7	<10	-	-	-	<0.005	0.002	2.1	<0.0001	<0.001	<1	<0.001	9.2	<0.001	1	<0.00005	<1	0.001	<1	<0.5	3	<1	<0.005	21000	220	0.006	0.2	0.012	0.01	7200	880	0.3	430	110	3800	<0.5	1500
Joe Joe Formation	C914001S	C914001S	8/07/2016	13000	6.7	<10	-	-	-	<0.005	0.002	2.1	<0.0001	<0.001	<1	0.002	8.8	<0.001	0.9	<0.00005	<1	0.002	2	0.18	2	<1	0.006	21000	210	0.28	<0.005	<0.005	0.01	4200	840	<0.5	420	130	44000	<0.5	1500
Joe Joe Formation	C914001S	C914001S	25/11/2016	13000	6.8	<20	<20	<125	<3	0.006	0.002	2	<0.0001	<0.001	<1	0.006	9.9	<0.001	0.88	<0.00005	<1	0.002	<1	<0.5	3	4	0.15	21000	210	0.28	0.006	<0.005	<0.01	7300	860	<0.5	430	120	3800	<0.5	1500
Joe Joe Formation	C914001S	C914001S	22/04/2017	12000	6.8	<20	<20	<125	<3	<0.005	0.002	2	<0.0001	<0.001	1	<0.001	7.1	<0.001	0.94	<0.00005	<1	<0.001	<5000	<0.25	2	<1	<0.005	20000	190	0.34	<0.005	<0.005	<0.01	6900	850	<0.5	430	130	3900	<0.5	1500

Monitoring_Zone	Field_ID	Well	Sampled_Date_Time	Physio-Chemical Parameters: Total Dissolved Solids	pH (Lab)	Total Petroleum Hydrocarbons: C6-C9 fraction	Total Recoverable Hydrocarbons: C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001
Rewan Formation	COO8P1	C008P1	3/10/2011	14900	7.65	<20	<20	<100	<1	<0.01	0.002	1.14	0.0003
Rewan Formation	C008P1	C008P1	12/11/2011	17200	7.23	<20	<20	<100	<1	<0.01	<0.001	1.29	0.0002
Rewan Formation	C008P1	C008P1	25/05/2013	13600	7.5	20	20	<100	<1	<0.05	<0.005	1.59	<0.0005
Rewan Formation	C008P1_2	C008P1	6/05/2014	14200	7.6	<20	<20	<100	<1	<0.01	<0.001	1.64	<0.0001
Rewan Formation	C008P1_2	C008P1	27/05/2014	13300	7.46	<20	<20	180	<1	<0.01	0.001	1.32	<0.0001
Rewan Formation	CO35P1	C035P1	5/10/2011	2290	7.22	<20	<20	<100	<1	0.08	0.008	0.64	<0.0001
Rewan Formation	CO35P1	C035P1	6/11/2011	2990	7.24	<20	<20	<100	<1	0.03	0.005	0.54	<0.0001
Rewan Formation	C035P1_2	C035P1	7/05/2014	2520	7.05	<20	<20	<100	<1	<0.01	0.002	0.62	<0.0001
Rewan Formation	C035P1_2	C035P1	28/05/2014	2410	7	<20	<20	<100	<1	<0.01	0.002	0.62	<0.0001
Rewan Formation	C035P1_2	C035P1	26/07/2015	2400	7.7	<10	-	-	-	<0.005	0.002	0.82	0.0001
Rewan Formation	C035P1_2	C035P1	12/09/2015	2300	7.6	<10	-	-	-	<0.005	<0.001	0.68	0.0001
Rewan Formation	C035P1_1	C035P1	27/11/2015	2400	7.4	<10	-	-	-	<0.005	0.001	0.72	<0.0001
Rewan Formation	C035P1_1	C035P1	28/02/2016	2200	7.4	<10	-	-	-	<0.005	0.001	0.62	<0.0001
Rewan Formation	c035p1_0	C035P1	21/04/2016	2200	7.5	<10	-	-	-	<0.005	0.002	0.7	0.0001
Rewan Formation	C035P1_1	C035P1	24/11/2016	2200	7.5	<20	<20	<125	<3	<0.005	0.002	0.69	<0.0001
Rewan Formation	C035P1_0	C035P1	23/04/2017	2300	7.3	<20	<20	<125	<3	<0.005	0.001	0.69	0.0001
Rewan Formation	C555P1	C555P1	25/05/2013	467	7.97	<20	<20	<100	<1	0.02	0.005	0.28	<0.0001
Rewan Formation	C555P1_2	C555P1	6/05/2014	541	7.77	<20	<20	<100	<1	<0.01	0.005	0.21	<0.0001
Rewan Formation	C555P1_2	C555P1	27/05/2014	560	8.04	<20	<20	<100	<1	<0.01	0.004	0.23	<0.0001
Rewan Formation	C555P1	C555P1	3/08/2014	500	7.9	<40	<50	<400	<3	<0.005	0.005	0.25	<0.0001
Rewan Formation	Q4	C555P1	3/08/2014	500	7.9	<40	<50	-	<3	<0.005	0.004	0.24	<0.0001
Rewan Formation	C555P1_0	C555P1	25/09/2014	490	7.8	<40	<50	<650	<3	<0.005	<0.003	0.23	0.0001
Rewan Formation	C555P1_2	C555P1	19/11/2014	490	7.8	<40	<50	<400	<3	<0.005	0.005	0.24	<0.0001
Rewan Formation	C555P1_2	C555P1	8/02/2015	490	7.7	<40	<50	<400	<3	<0.005	<0.003	0.25	<0.0001
Rewan Formation	C555P1_2	C555P1	26/03/2015	490	7.7	<40	<50	<400	<3	<0.005	<0.003	0.23	<0.0001
Rewan Formation	C555P1_2	C555P1	27/05/2015	480	7.7	<10	-	-	-	<0.005	0.001	0.26	<0.0001
Rewan Formation	C555P1_2	C555P1	23/07/2015	490	7.7	<10	-	-	-	<0.005	<0.001	0.25	<0.0001
Rewan Formation	C555P1_2	C555P1	9/09/2015	480	7.8	<10	-	-	-	<0.005	<0.001	0.24	<0.0001
Rewan Formation	C555P1_2	C555P1	25/11/2015	470	7.7	<10	-	-	-	<0.005	0.002	0.24	<0.0001
Rewan Formation	C555P1_1	C555P1	26/02/2016	480	7.8	<10	-	-	-	<0.005	0.002	0.26	<0.0001
Rewan Formation	c555p1_0	C555P1	20/04/2016	490	7.9	<10	-	-	-	<0.005	0.002	0.24	<0.0001
Rewan Formation	C555P1_0	C555P1	7/07/2016	490	7.7	<10	-	-	-	<0.005	0.002	0.24	<0.0001
Rewan Formation	C555P1_1	C555P1	26/11/2016	480	7.6	<20	<20	<125	<3	<0.005	0.001	0.24	<0.0001
Rewan Formation	C556P1	C556P1	26/05/2013	248	7.15	<20	<20	<100	<1	0.07	0.002	0.1	<0.0001
Rewan Formation	C556P1_2	C556P1	7/05/2014	189	6.57	<20	<20	<100	<1	<0.01	0.003	0.1	0.0001
Rewan Formation	C556P1_2	C556P1	28/05/2014	167	6.6	<20	<20	<100	<1	<0.01	0.002	0.09	<0.0001
Rewan Formation	C556P1	C556P1	2/08/2014	160	6.8	<40	<50	-	<3	<0.005	<0.003	0.095	<0.0001
Rewan Formation	C556P1_0	C556P1	27/09/2014	150	6.8	<40	<50	<650	<3	0.015	<0.003	0.08	<0.0001
Rewan Formation	C556P1_2	C556P1	21/11/2014	160	6.5	<40	<50	<400	<3	0.027	<0.003	0.099	<0.0001
Rewan Formation	C556P1_2	C556P1	6/02/2015	140	6.2	<40	<50	<400	<3	<0.005	<0.003	0.09	<0.0001
Rewan Formation	C556P1_2	C556P1	27/03/2015	140	6.4	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001
Rewan Formation	C556P1_2	C556P1	29/05/2015	140	6.5	<10	-	-	-	0.007	<0.001	0.1	<0.0001
Rewan Formation	C556P1_2	C556P1	21/07/2015	140	6.4	<10	-	-	-	0.009	<0.001	0.1	<0.0001
Rewan Formation	C556P1_2	C556P1	11/09/2015	140	6.5	<10	-	-	-	0.006	<0.001	0.094	<0.0001
Rewan Formation	C556P1_1	C556P1	27/11/2015	160	6.7	<10	-	-	-	<0.005	0.001	0.1	<0.0001
Rewan Formation	C556P1_1	C556P1	29/02/2016	150	6.6	<10	-	-	-	<0.005	<0.001	0.094	<0.0001
Rewan Formation	c556p1_0	C556P1	21/04/2016	150	6.6	<10	-	-	-	<0.005	0.001	0.093	<0.0001
Rewan Formation	C556P1_0	C556P1	8/07/2016	150	6.6	<10	-	-	-	<0.005	0.003	0.09	<0.0001
Rewan Formation	C556P1_1	C556P1	25/11/2016	140	6.5	<20	<20	<125	<3	0.015	0.001	0.099	<0.0001
Rewan Formation	C556P1_0	C556P1	22/04/2017	140	6.4	<20	<20	<125	<3	<0.005	<0.001	0.09	<0.0001
Rewan Formation	C9553P1F	C9553P1F	6/05/2014	367	7.94	<20	<20	<100	<1	0.04	0.004	0.12	<0.0001
Rewan Formation	C9553P1F	C9553P1F	23/09/2014	320	7.3	<40	<50	<650	<3	0.018	<0.003	0.076	<0.0001
Rewan Formation	C9553P1F	C9553P1F	17/11/2014	320	7.2	<40	<50	<400	<3	0.18	<0.003	0.1	<0.0001
Rewan Formation	C9553P1F	C9553P1F	4/02/2015	320	6.9	<40	<50	<400	<3	0.056	<0.003	0.097	<0.0001
Rewan Formation	C9553P1F	C9553P1F	24/03/2015	310	7	<40	<50	<400	<3	<0.005	<0.003	0.093	<0.0001
Rewan Formation	C9553P1F	C9553P1F	25/05/2015	300	7.2	<10	-	-	-	0.065	0.002	0.1	<0.0001
Rewan Formation	C9553P1F	C9553P1F	25/07/2015	300	7.1	<10	-	-	-	0.036	0.002	0.11	<0.0001
Rewan Formation	C9553P1F	C9553P1F	7/09/2015	290	7.2	<10	-	-	-	<0.005	0.001	0.087	<0.0001
Rewan Formation	C9553P1F	C9553P1F	24/11/2015	280	7	<10	-	-	-	0.018	0.003	0.11	<0.0001
Rewan Formation	C9553P1F	C9553P1F	25/02/2016	290	6.9	<10	-	-	-	0.007	0.002	0.12	<0.0001
Rewan Formation	C9553P1F	C9553P1F	19/04/2016	280	6.9	<10	-	-	-	0.009	0.003	0.11	<0.0001
Rewan Formation	C9553P1F	C9553P1F	6/07/2016	280	7	<10	-	-	-	<0.005	0.001	0.098	<0.0001
Rewan Formation	C9553P1F	C9553P1F	22/11/2016	270	6.9	<20	<20	<130	<3	0.006	0.002	0.11	<0.0001
Rewan Formation	C9553P1F	C9553P1F	20/04/2017	270	6.6	<20	<20	<125	<3	0.012	0.002	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	29/04/2014	272	7.52	<20	<20	<100	<1	<0.01	<0.001	0.14	<0.0001
Rewan Formation	C9838SPF	C9838SPF	28/05/2014	101	7.2	<20	<20	<100	<1	<0.01	<0.001	0.15	<0.0001
Rewan Formation	C9838SPF	C9838SPF	30/07/2014	250	6.6	<40	<50	-	<3	<0.005	<0.003	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	27/09/2014	250	6.5	<40	<50	<650	<3	0.005	<0.003	0.099	<0.0001
Rewan Formation	C9838SPF	C9838SPF	20/11/2014	280	6.3	<40	<50	<400	<3	<0.005	<0.003	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	7/02/2015	250	6	<40	<50	<400	<3	<0.005	<0.003	0.1	<0.0001
Rewan Formation	C9838SPF	C9838SPF	27/03/2015	240	6	<40	<50	<400	<3	<0.005	<0.003	0.12	<0.0001
Rewan Formation	C9838SPF	C9838SPF	29/05/2015	240	6.2	<10	-	-	-	<0.005	<0.001	0.12	<0.0001
Rewan Formation	C9838SPF	C9838SPF	21/07/2015	240	6.1	10	-	-	-	<0.005	<0.001	0.1	<0.0001
Rewan Formation	C9838SPF	C9838SPF	11/09/2015	240	6.4	<10	-	-	-	<0.005	<0.001	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	27/11/2015	230	6.1	<10	-	-	-	<0.005	<0.001	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	24/02/2016	240	6.3	<10	-	-	-	<0.005	<0.001	0.13	<0.0001
Rewan Formation	c9838spr_	C9838SPF	21/04/2016	240	6.2	<10	-	-	-	<0.005	<0.001	0.1	<0.0001
Rewan Formation	C9838SPF	C9838SPF	8/07/2016	260	6.5	<10	-	-	-	<0.005	<0.001	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	25/11/2016	240	6.2	<20	<20	<125	<3	<0.005	<0.001	0.11	<0.0001
Rewan Formation	C9838SPF	C9838SPF	22/04/2017	240	6.1	<20	<20	<125	<3	<0.005	<0.001	0.1	<0.0001

Field_ID	Well	Sampled_Date_Time	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F	Vanadium
		UNIT	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L
		LOR	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1
COO8P1	C008P1	3/10/2011	0.004	2	0.002	0.29	<0.001	0.181	<0.0001	<1	0.008	20	3	19	<10
C008P1	C008P1	12/11/2011	0.001	4	0.011	0.06	<0.001	1.6	<0.0001	<1	0.015	<10	3	18	<10
C008P1	C008P1	25/05/2013	<0.005	16	0.062	<0.25	<0.005	2.56	<0.0001	<5	0.032	<50	<5	18	<50
C008P1_2	C008P1	6/05/2014	<0.001	12	<0.001	3.78	<0.001	2.24	<0.0001	<1	0.01	<10	<1	11	<10
C008P1_2	C008P1	27/05/2014	<0.001	7	<0.001	3.47	<0.001	1.96	<0.0001	<1	0.006	<10	<1	11	<10
CO35P1	C035P1	5/10/2011	<0.001	<1	<0.001	2.04	<0.001	0.256	<0.0001	<1	<0.001	<10	<1	<1	<10
CO35P1	C035P1	6/11/2011	0.001	<1	<0.001	0.68	<0.001	0.218	<0.0001	<1	<0.001	<10	<1	<1	<10
C035P1_2	C035P1	7/05/2014	<0.001	<1	<0.001	0.38	<0.001	0.123	<0.0001	<1	<0.001	<10	<1	<1	<10
C035P1_2	C035P1	28/05/2014	<0.001	<1	<0.001	0.31	<0.001	0.118	<0.0001	<1	<0.001	<10	<1	<1	<10
C035P1_2	C035P1	26/07/2015	<0.001	2	<0.001	<0.005	<0.001	0.024	<0.00005	<1	0.012	<3	<0.05	<1	<5
C035P1_2	C035P1	12/09/2015	<0.001	<1	0.001	0.006	<0.001	0.045	<0.00005	<1	0.003	<3	<0.05	<1	<5
C035P1_1	C035P1	27/11/2015	<0.001	<1	<0.001	0.006	<0.001	0.094	<0.00005	<1	0.002	<3	<0.05	<1	<5
C035P1_1	C035P1	28/02/2016	<0.001	1	<0.001	<0.005	<0.001	0.092	<0.00005	<1	0.002	<3	<0.05	<1	<5
c035p1_0	C035P1	21/04/2016	<0.001	1	<0.001	<0.005	<0.001	0.094	<0.00005	<1	0.002	3	<0.05	<1	<5
C035P1_1	C035P1	24/11/2016	<0.001	1	0.002	<0.005	<0.001	0.11	<0.00005	<1	0.001	<3	<0.05	<1	<5
C035P1_0	C035P1	23/04/2017	<0.001	<1	0.002	<0.005	<0.001	0.09	<0.00005	<1	0.003	<3	<0.05	<1	<5
C555P1	C555P1	25/05/2013	<0.001	2	<0.001	0.97	<0.001	0.67	<0.0001	3	0.008	<10	<1	<1	<10
C555P1_2	C555P1	6/05/2014	0.002	2	<0.001	1.26	<0.001	0.727	<0.0001	2	0.002	<10	<1	<1	<10
C555P1_2	C555P1	27/05/2014	<0.001	2	<0.001	1.16	<0.001	0.611	<0.0001	1	0.002	<10	<1	<1	<10
C555P1	C555P1	3/08/2014	<0.001	1	<0.001	0.69	<0.001	0.68	<0.0001	1	0.001	<3	<0.05	<0.5	<5
Q4	C555P1	3/08/2014	<0.001	1	<0.001	0.78	<0.001	0.66	<0.0001	1	0.001	<3	<0.05	<0.5	<5
C555P1_0	C555P1	25/09/2014	<0.001	1	<0.001	0.42	<0.001	0.6	<0.00005	1	0.001	<3	<0.05	<0.5	<5
C555P1_2	C555P1	19/11/2014	<0.001	1	<0.001	0.82	<0.001	0.6	<0.00005	<1	0.001	<3	<0.05	<0.5	<5
C555P1_2	C555P1	8/02/2015	<0.001	1	<0.001	0.16	<0.001	0.55	<0.00005	<1	0.001	<3	<0.05	<0.5	<5
C555P1_2	C555P1	26/03/2015	<0.001	<1	<0.001	0.017	<0.001	0.44	<0.00005	<1	<0.001	<3	<0.05	<0.5	<5
C555P1_2	C555P1	27/05/2015	<0.001	1	<0.001	0.14	<0.001	0.51	<0.0001	<1	0.001	<3	<0.05	<1	<5
C555P1_2	C555P1	23/07/2015	<0.001	1	<0.001	0.1	<0.001	0.52	<0.00005	<1	<0.001	<3	<0.05	<1	<5
C555P1_2	C555P1	9/09/2015	<0.001	1	<0.001	0.015	<0.001	0.46	<0.00005	<1	<0.001	<3	<0.05	<1	<5
C555P1_2	C555P1	25/11/2015	<0.001	1	<0.001	0.3	<0.001	0.46	<0.00005	<1	0.004	<3	<0.05	<1	<5
C555P1_1	C555P1	26/02/2016	<0.001	1	0.007	0.043	<0.001	0.46	<0.00005	<1	0.003	<3	<0.05	<1	<5
c555p1_0	C555P1	20/04/2016	<0.001	1	<0.001	0.25	<0.001	0.45	<0.00005	<1	0.004	<3	<0.05	<1	<5
C555P1_0	C555P1	7/07/2016	<0.001	1	<0.001	0.02	<0.001	0.45	<0.00005	<1	0.004	<3	<0.05	<1	<5
C555P1_1	C555P1	26/11/2016	<0.001	1	0.001	0.01	<0.001	0.39	<0.00005	<1	0.002	<3	<0.05	<1	<5
C556P1	C556P1	26/05/2013	<0.001	4	0.006	0.27	<0.001	0.211	<0.0001	1	0.01	<10	<1	<1	<10
C556P1_2	C556P1	7/05/2014	<0.001	5	<0.001	1.44	<0.001	0.193	<0.0001	<1	0.004	<10	<1	<1	<10
C556P1_2	C556P1	28/05/2014	<0.001	5	0.001	1.31	<0.001	0.131	<0.0001	<1	0.003	<10	<1	<1	<10
C556P1	C556P1	2/08/2014	<0.001	4	0.008	<0.005	<0.001	0.12	<0.0001	<1	0.003	<3	<0.05	<0.5	<5
C556P1_0	C556P1	27/09/2014	<0.001	3	0.006	0.018	<0.001	0.086	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C556P1_2	C556P1	21/11/2014	<0.001	2	0.005	0.018	<0.001	0.071	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C556P1_2	C556P1	6/02/2015	<0.001	2	0.012	<0.005	<0.001	0.059	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C556P1_2	C556P1	27/03/2015	<0.001	3	0.022	<0.005	<0.001	0.07	<0.00005	<1	0.002	<3	<0.05	<0.5	<5
C556P1_2	C556P1	29/05/2015	<0.001	2	0.044	<0.005	<0.001	0.048	<0.0001	<1	0.002	<3	<0.05	<1	<5
C556P1_2	C556P1	21/07/2015	<0.001	2	0.057	0.013	<0.001	0.045	<0.0001	<1	0.002	<3	<0.05	<1	<5
C556P1_2	C556P1	11/09/2015	<0.001	2	0.06	<0.005	<0.001	0.04	<0.00005	<1	0.002	<3	<0.05	<1	<5
C556P1_1	C556P1	27/11/2015	<0.001	4	0.013	0.019	<0.001	0.15	<0.00005	<1	0.006	<3	<0.05	<1	<5
C556P1_1	C556P1	29/02/2016	<0.001	3	0.002	0.12	<0.001	0.11	<0.00005	<1	0.003	<3	<0.05	<1	<5
c556p1_0	C556P1	21/04/2016	<0.001	4	0.005	0.013	<0.001	0.095	<0.00005	<1	0.004	<3	<0.05	<1	<5
C556P1_0	C556P1	8/07/2016	<0.001	6	0.024	0.007	<0.001	0.14	<0.00005	<1	0.004	<3	<0.05	<1	<5
C556P1_1	C556P1	25/11/2016	<0.001	5	0.004	0.009	<0.001	0.11	<0.00005	<1	0.003	<3	<0.05	<1	<5
C556P1_0	C556P1	22/04/2017	<0.001	4	0.006	0.01	<0.001	0.057	0.00005	<1	0.004	<3	<0.05	<1	<5
C9553P1F	C9553P1F	6/05/2014	0.002	<1	<0.001	4.35	<0.001	0.328	<0.0001	<1	0.004	<10	<1	<1	<10
C9553P1F	C9553P1F	23/09/2014	<0.001	<1	0.002	2.7	<0.001	0.29	<0.00005	<1	0.002	<3	<0.05	<0.5	<5
C9553P1F	C9553P1F	17/11/2014	<0.001	<1	0.007	2.3	<0.001	0.28	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C9553P1F	C9553P1F	4/02/2015	<0.001	<1	0.002	2.8	<0.001	0.3	<0.00005	<1	0.001	<3	<0.05	<0.5	<5
C9553P1F	C9553P1F	24/03/2015	<0.001	<1	0.007	1.6	<0.001	0.25	<0.00005	<1	0.001	<3	<0.05	<0.5	<5
C9553P1F	C9553P1F	25/05/2015	<0.001	<1	0.015	1.5	0.001	0.16	<0.0001	<1	0.003	<3	<0.05	<1	<5
C9553P1F	C9553P1F	25/07/2015	<0.001	<1	0.014	1.7	<0.001	0.17	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9553P1F	C9553P1F	7/09/2015	<0.001	<1	0.004	0.15	<0.001	0.2	<0.00005	<1	0.005	<3	<0.05	<1	<5
C9553P1F	C9553P1F	24/11/2015	<0.001	<1	0.009	2.2	<0.001	0.21	<0.00005	<1	0.022	<3	<0.05	<1	<5
C9553P1F	C9553P1F	25/02/2016	<0.001	<1	0.034	1.7	<0.001	0.14	<0.00005	<1	0.043	<3	<0.05	<1	<5
C9553P1F	C9553P1F	19/04/2016	<0.001	<1	0.016	2.7	<0.001	0.2	<0.00005	<1	0.014	<3	<0.05	<1	<5
C9553P1F	C9553P1F	6/07/2016	<0.001	<1	0.034	0.55	<0.001	0.13	<0.00005	<1	0.029	<3	<0.05	<1	<5
C9553P1F	C9553P1F	22/11/2016	<0.001	<1	0.1	0.68	0.001	0.11	<0.00005	<1	0.024	<3	<0.05	<1	<5
C9553P1F	C9553P1F	20/04/2017	<0.001	<1	0.055	0.9	<0.001	0.15	<0.00005	<1	0.007	<3	<0.05	<1	<5
C9838SPF	C9838SPF	29/04/2014	<0.001	<1	0.001	<0.05	<0.001	0.027	<0.0001	<1	0.005	<10	<1	<1	<10
C9838SPF	C9838SPF	28/05/2014	<0.001	2	<0.001	0.08	<0.001	0.149	<0.0001	<1	0.004	<10	<1	<1	<10
C9838SPF	C9838SPF	30/07/2014	<0.001	<1	0.009	0.027	<0.001	0.017	<0.0001	<1	0.002	<3	<0.05	<0.5	<5
C9838SPF	C9838SPF	27/09/2014	<0.001	<1	<0.001	0.024	<0.001	0.016	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C9838SPF	C9838SPF	20/11/2014	<0.001	<1	<0.001	0.01	<0.001	0.014	<0.00005	<1	0.002	<3	<0.05	<0.5	<5
C9838SPF	C9838SPF	7/02/2015	<0.001	1	0.003	0.007	<0.001	0.013	<0.00005	<1	0.003	<3	<0.05	<0.5	<5
C9838SPF	C9838SPF	27/03/2015	<0.001	<1	0.001	<0.005	<0.001	0.01	<0.00005	<1	0.002	<3	<0.05	<0.5	<5
C9838SPF	C9838SPF	29/05/2015	<0.001	<1	0.004	<0.005	<0.001	0.009	<0.0001	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	21/07/2015	<0.001	<1	0.003	0.005	<0.001	0.008	<0.0001	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	11/09/2015	<0.001	<1	0.004	0.008	<0.001	0.007	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	27/11/2015	<0.001	<1	0.003	0.006	<0.001	0.007	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	24/02/2016	<0.001	<1	0.006	<0.005	<0.001	0.006	<0.00005	<1	0.002	<3	<0.05	<1	<5
c9838spr_	C9838SPF	21/04/2016	<0.001	<1	0.007	<0.005	<0.001	0.007	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	8/07/2016	<0.001	<1	0.008	<0.005	<0.001	0.006	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	25/11/2016	<0.001	1	0.01	<0.005	<0.001	0.006	<0.00005	<1	0.002	<3	<0.05	<1	<5
C9838SPF	C9838SPF	22/04/2017	<0.001	<1	0.007	0.006	<0.001	0.007	<0.00005	<1	0.002	<3	<0.05	<1	<5

Field_ID	Well	Sampled_Date_Time	Zinc (Filter	Physico-Chemical Parameters: Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Major Ions: Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
		UNIT	mg/L	µS/cm	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
		LOR	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
COO8P1	C008P1	3/10/2011	0.014	22900	316	0.14	0.02	<0.01	0.04	7950	505	0.5	402	90	3680	<0.1	282
C008P1	C008P1	12/11/2011	0.118	23000	298	0.15	<0.01	<0.01	<0.01	7530	468	0.6	442	115	3810	<0.1	275
C008P1	C008P1	25/05/2013	0.063	21200	284	0.3	<0.01	<0.01	0.05	7870	499	0.5	420	131	3740	<0.1	245
C008P1_2	C008P1	6/05/2014	<0.005	21900	281	-	-	-	0.06	7600	466	0.5	386	119	3390	0.1	213
C008P1_2	C008P1	27/05/2014	<0.005	20400	295	-	-	-	0.37	7170	466	0.5	403	102	3640	<0.1	231
CO35P1	C035P1	5/10/2011	<0.005	4260	175	0.1	0.05	<0.01	0.15	1070	21	0.7	18	6	822	<0.1	60
CO35P1	C035P1	6/11/2011	0.006	4010	171	0.12	0.02	<0.01	1.99	909	20	0.6	18	6	744	<0.1	50
C035P1_2	C035P1	7/05/2014	0.012	3880	169	-	-	-	<0.01	1020	16	0.7	15	4	773	<0.1	57
C035P1_2	C035P1	28/05/2014	0.022	3710	155	-	-	-	0.01	1020	16	0.6	16	5	728	<0.1	56
C035P1_2	C035P1	26/07/2015	0.13	4000	170	0.026	<0.005	<0.005	0.83	1200	17	0.7	16	9	660	-	65
C035P1_2	C035P1	12/09/2015	0.008	3800	170	0.036	<0.005	<0.005	0.08	1100	16	0.7	15	7.4	680	<0.5	57
C035P1_1	C035P1	27/11/2015	0.34	4000	160	0.023	<0.005	<0.005	0.05	1000	16	0.7	15	7.7	660	<0.5	57
C035P1_1	C035P1	28/02/2016	<0.005	3700	160	0.025	0.005	<0.005	0.02	1100	14	0.6	13	6.5	590	<0.5	50
c035p1_0	C035P1	21/04/2016	5	3700	160	0.034	<0.005	<0.005	0.04	760	14	0.6	13	7.1	640	<0.5	50
C035P1_1	C035P1	24/11/2016	<0.005	3600	160	0.021	0.011	<0.005	0.02	1000	15	0.6	14	7.5	620	<0.5	53
C035P1_0	C035P1	23/04/2017	0.013	3800	170	0.02	<0.005	<0.005	0.04	1000	15	0.6	14	7.1	670	<0.5	50
C555P1	C555P1	25/05/2013	0.014	860	161	0.19	<0.01	<0.01	0.04	191	5	0.8	7	7	170	<0.1	<1
C555P1_2	C555P1	6/05/2014	0.006	833	154	-	-	-	0.09	190	6	0.9	7	7	169	<0.1	<1
C555P1_2	C555P1	27/05/2014	0.008	861	147	-	-	-	0.07	181	6	0.7	8	8	154	<0.1	<1
C555P1	C555P1	3/08/2014	<0.005	830	150	0.11	<0.005	<0.005	0.07	170	5.9	0.6	7.5	8.3	130	-	<0.5
Q4	C555P1	3/08/2014	<0.005	830	150	0.099	<0.005	<0.005	0.08	170	5.9	0.6	7.4	8.2	130	-	<0.5
C555P1_0	C555P1	25/09/2014	<0.005	810	140	0.085	<0.005	<0.005	0.09	170	5.9	0.7	7.3	8.7	120	<0.5	<0.5
C555P1_2	C555P1	19/11/2014	<0.005	810	140	0.092	<0.005	<0.005	0.08	170	6.1	0.6	7.3	8.5	130	<0.5	<0.5
C555P1_2	C555P1	8/02/2015	<0.005	820	140	0.069	<0.005	<0.005	0.07	170	6.3	0.7	7.4	9.2	150	<0.5	<0.5
C555P1_2	C555P1	26/03/2015	<0.005	820	140	0.087	<0.005	<0.005	0.07	170	6.2	0.7	7.5	8.1	130	<0.5	<0.5
C555P1_2	C555P1	27/05/2015	<0.005	800	140	0.077	<0.005	<0.005	0.07	180	6.5	0.7	7.6	8.3	140	<0.5	<0.5
C555P1_2	C555P1	23/07/2015	<0.005	810	140	0.098	<0.005	<0.005	0.09	180	5.9	0.6	6.6	8.6	120	-	<0.5
C555P1_2	C555P1	9/09/2015	<0.005	800	140	0.071	<0.005	<0.005	0.07	180	6.3	0.7	7.4	8.2	130	<0.5	<0.5
C555P1_2	C555P1	25/11/2015	<0.005	780	140	0.071	0.015	<0.005	0.08	170	6.3	0.7	7.1	8.4	130	<0.5	<0.5
C555P1_1	C555P1	26/02/2016	0.017	800	140	0.041	<0.005	<0.005	0.05	170	6.4	0.6	7.2	8.4	140	<0.5	<0.5
c555p1_0	C555P1	20/04/2016	<0.005	810	140	0.053	<0.005	<0.005	0.04	110	5.6	0.6	6.6	7.6	120	<0.5	<0.5
C555P1_0	C555P1	7/07/2016	<0.005	810	140	0.053	<0.005	<0.005	0.06	72	6.1	0.6	6.9	8.4	130	<0.5	<0.5
C555P1_1	C555P1	26/11/2016	<0.005	800	140	0.061	<0.005	<0.005	0.06	170	6.2	0.6	7.1	8.5	140	<0.5	<0.5
C556P1	C556P1	26/05/2013	0.014	290	59	0.03	0.02	<0.01	<0.01	45	2	0.4	3	3	54	<0.1	12
C556P1_2	C556P1	7/05/2014	0.006	291	60	-	-	-	0.24	43	5	0.4	2	2	46	<0.1	10
C556P1_2	C556P1	28/05/2014	0.011	257	48	-	-	-	0.16	49	3	0.3	2	2	46	0.2	9
C556P1	C556P1	2/08/2014	0.005	270	44	0.22	<0.005	<0.005	0.13	47	3	0.3	2.1	2.5	43	-	9.7
C556P1_0	C556P1	27/09/2014	0.008	250	35	0.065	0.013	0.005	0.06	48	1.8	0.3	1.7	2.6	41	<0.5	11
C556P1_2	C556P1	21/11/2014	<0.005	260	30	0.012	0.042	<0.005	0.04	49	1.3	0.2	1.5	2.5	40	0.2	9.6
C556P1_2	C556P1	6/02/2015	<0.005	240	27	<0.005	0.054	<0.005	0.05	48	1	0.2	1.5	2.5	39	<0.5	11
C556P1_2	C556P1	27/03/2015	0.007	240	32	0.01	0.039	<0.005	0.05	52	1.1	0.3	1.6	2.4	41	<0.5	11
C556P1_2	C556P1	29/05/2015	0.006	240	28	<0.005	0.11	<0.005	0.04	52	0.9	0.3	1.5	2.3	41	<0.5	11
C556P1_2	C556P1	21/07/2015	0.007	240	28	0.006	0.071	<0.005	0.02	53	0.8	0.2	1.3	2.3	41	<0.5	10
C556P1_2	C556P1	11/09/2015	0.056	230	25	<0.005	0.073	<0.005	0.03	51	0.7	0.2	1.4	2.2	41	<0.5	11
C556P1_1	C556P1	27/11/2015	0.006	260	57	2.1	<0.005	<0.005	0.43	48	1.4	0.3	2.4	2.9	41	1.1	3.4
C556P1_1	C556P1	29/02/2016	0.005	250	43	1.2	0.015	<0.005	0.24	48	1	0.2	1.8	2.6	41	<0.5	7.2
c556p1_0	C556P1	21/04/2016	2.7	240	37	0.9	0.019	<0.005	0.18	41	0.6	0.2	1.5	2.3	51	<0.5	8.3
C556P1_0	C556P1	8/07/2016	0.008	250	50	0.81	0.011	<0.005	0.47	29	1.1	0.3	1.8	2.7	40	0.6	6.6
C556P1_1	C556P1	25/11/2016	0.32	240	35	0.25	0.071	<0.005	0.08	50	1	0.2	1.6	2.6	39	<0.5	10
C556P1_0	C556P1	22/04/2017	0.007	240	25	0.032	0.074	<0.005	0.03	48	0.7	0.2	1.3	2	38	<0.5	11
C9553P1F	C9553P1F	6/05/2014	0.016	564	134	-	-	-	0.53	54	3	0.6	10	4	104	<0.1	58
C9553P1F	C9553P1F	23/09/2014	<0.005	540	110	0.5	<0.005	<0.005	2.1	60	2.2	0.6	9.7	4.1	75	<0.5	61
C9553P1F	C9553P1F	17/11/2014	0.006	530	110	0.37	<0.005	<0.005	0.41	61	2.4	0.5	9.5	4	77	<0.5	60
C9553P1F	C9553P1F	4/02/2015	<0.005	540	98	0.43	0.007	<0.005	0.36	61	2.1	0.5	9.1	4	73	<0.5	59
C9553P1F	C9553P1F	24/03/2015	<0.005	520	100	0.36	<0.005	<0.005	0.34	70	2	0.5	9.5	3.7	89	<0.5	60
C9553P1F	C9553P1F	25/05/2015	0.02	500	100	0.26	<0.005	<0.005	0.24	67	2.2	0.5	9	4.1	80	<0.5	56
C9553P1F	C9553P1F	25/07/2015	0.015	500	91	0.25	<0.005	<0.005	0.27	76	2	0.4	8.6	4.1	72	-	57
C9553P1F	C9553P1F	7/09/2015	0.042	490	91	0.37	0.006	<0.005	0.25	70	1.5	0.5	7.6	3.1	65	<0.5	46
C9553P1F	C9553P1F	24/11/2015	1.8	470	84	0.32	<0.005	<0.005	0.3	63	1.7	0.4	8.3	3.7	76	<0.5	50
C9553P1F	C9553P1F	25/02/2016	0.008	480	82	0.2	0.019	<0.005	0.19	68	1.7	0.4	8.1	3.6	78	<0.5	52
C9553P1F	C9553P1F	19/04/2016	<0.005	470	79	0.28	<0.005	<0.005	0.23	71	1.4	0.4	7.9	3.4	74	<0.5	50
C9553P1F	C9553P1F	6/07/2016	0.008	470	85	0.14	0.007	<0.005	0.11	68	1.4	0.4	7.5	3.5	72	<0.5	48
C9553P1F	C9553P1F	22/11/2016	2.1	450	70	0.11	0.052	<0.005	0.06	68	1.5	0.4	8.1	3.9	76	<0.5	50
C9553P1F	C9553P1F	20/04/2017	0.006	440	61	0.25	0.013	<0.005	0.19	68	1.4	0.3	7	3.1	69	<0.5	38
C9838SPF	C9838SPF	29/04/2014	0.033	419	33	-	-	-	<0.01	113	4	0.2	6	3	72	<0.1	7
C9838SPF	C9838SPF	28/05/2014	0.046	156	46	-	-	-	<0.01	109	11	0.3	6	3	68	<0.1	7
C9838SPF	C9838SPF	30/07/2014	0.033	420	21	0.078	0.26	<0.005	0.02	110	3	<0.1	5.7	4	61	-	8.1
C9838SPF	C9838SPF	27/09/2014	0.015	410	20	<0.005	0.21	<0.005	<0.02	110	3.2	<0.1	6.1	3.9	60	<0.5	8.3
C9838SPF	C9838SPF	20/11/2014	0.014	470	28	<0.005	0.14	<0.005	<0.02	120	4.5	<0.1	6.4	3.7	62	<0.1	7.7
C9838SPF	C9838SPF	7/02/2015	0.006	410	23	<0.005	0.13	<0.005	<0.02	110	2.7	<0.1	5.9	3.7	55	<0.5	7.1
C9838SPF	C9838SPF	27/03/2015	0.006	400	21	0.01	0.16	<0.005	<0.02	110	2.8	<0.1	6	3.4	58	<0.5	7.1
C9838SPF	C9838SPF	29/05/2015	0.012	410	25	<0.005	0.22	<0.005	<0.01	110	2.8	<0.1	6	3.4	60	<0.5	7
C9838SPF	C9838SPF	21/07/2015	0.037	400	18	0.005	0.24	<0.005	<0.01	110	2.5	<0.1	5.3	3.4	58	<0.5	6.5
C9838SPF	C9838SPF	11/09/2015	0.14	400	17	<0.005	0.16	<0.005	<0.01	110	2.8	<0.1	5.7	3.4	60	<0.5	6.7
C9838SPF	C9838SPF	27/11/2015	0.012	390	15	<0.005	0.22	<0.005	0.01	110	2.8	<0.1	5.6	3.4	54	<0.5	6.7
C9838SPF	C9838SPF	24/02/2016	0.007	400	15	0.008	0.24	<0.005	0.01	110	2.7	<0.1	5.9	3.4	57	<0.5	7.2
c9838spr_	C9838SPF	21/04/2016	0.23	400	15	<0.005	0.065	<0.005	<0.01	70	2.3	<0.1	5.3	3.2	56	<0.5	6.4
C9838SPF	C9838SPF	8/07/2016	0.012	430	39	0.008	0.074	<0.005	<0.01	37	2.5	<0.1	5.5	3.4	56	<0.5	6.8
C9838SPF	C9838SPF	25/11/2016	0.011	400	17	0.008	0.27	<0.005	<0.01	110	2.7	<0.1	5.7	3.5	55	<0.5	6.8
C9838SPF	C9838SPF	22/04/2017	0.038	410	16	<0.005	0.2	<0.005	0.01	110	2.6	<0.1	5.7	3.1	57	<0.5	6.8

				Physio-Chemical Parameters		Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons																					Physico-Chemical Parameters						Major Ions							
				Total Dissolved Solids	pH (Lab)	C6-C9 fraction	C6-C10 fraction	>C10-C40 fraction (sum)	Total BTEX	Aluminium (Filtered)	Arsenic (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium	Cobalt (Filt	Copper (Fi	Iron (Filter	Lead (Filte	Manganese	Mercury (F	Molybdenu	Nickel (Filt	Selenium (	Silver (Filte	Uranium (F	Vanadium	Zinc (Filter	Electrical c	Total Alkal	Ammonia (	Nitrate (as	Nitrite (as I	Total Phos	Chloride	Calcium	Fluoride (c	Magnesium	Potassium	Sodium	Sulphide (a	Sulphate (as SO4-)
			UNIT	mg/L	pH Units	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	mg/L	µS/cm	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
			LOR	2	0.01	10	20	100	1	0.005	0.001	0.005	0.0001	0.001	1	0.001	0.005	0.001	0.001	0.00005	1	0.001	1	0.05	0.5	1	0.005	1	1	0.005	0.005	0.005	0.01	1	0.1		0.1	0.1	0.5	0.1	0.5
Monitoring_Zone	Field_ID	Well	Sampled_Date_Time																																						
Tertiary	C9180121	9180121S	29/04/2014	2570	7.8	<20	<20	<100	<1	<0.01	<0.001	0.27	<0.0001	<0.001	<1	<0.001	0.37	<0.001	0.029	<0.0001	<1	0.002	<10	<1	<1	<10	0.089	3950	58	-	-	-	<0.01	1060	34	0.1	48	10	625	0.2	99
Tertiary	C9180121	9180121S	28/05/2014	2330	6.53	<20	<20	<100	<1	<0.01	<0.001	0.27	<0.0001	<0.001	<1	<0.001	0.18	<0.001	0.032	<0.0001	<1	0.003	<10	<1	<1	<10	0.202	3590	43	-	-	-	<0.01	1020	35	0.1	51	9	644	<0.1	95
Tertiary	C9180121	9180121S	30/07/2014	2200	6.7	<400	<500	<400	<3	<0.005	<0.003	0.3	0.0002	<0.001	<1	<0.001	0.24	0.003	0.017	<0.0001	<1	0.002	<3	<0.05	<0.5	<5	0.2	3700	36	0.012	0.055	<0.005	<0.02	1100	35	0.1	49	15	590	-	96
Tertiary	C9180121	9180121S	28/09/2014	2300	6.8	<40	<50	<650	<3	0.006	<0.003	0.29	0.0003	<0.001	<1	<0.001	0.19	<0.001	0.019	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.099	3800	42	<0.005	<0.005	<0.005	<0.02	1100	35	0.1	50	16	500	<0.5	99
Tertiary	C9180121	9180121S	22/11/2014	2300	6.6	<40	<50	<400	<3	0.005	<0.003	0.3	0.0002	<0.001	<1	<0.001	0.38	0.001	0.019	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	0.19	3800	40	<0.005	<0.005	<0.005	<0.02	1100	36	0.1	49	15	500	<0.1	85
Tertiary	C9180121	9180121S	8/02/2015	2300	6.7	<40	<50	<400	<3	<0.005	<0.003	0.3	<0.0001	<0.001	1	<0.001	0.35	0.001	0.017	<0.00005	<1	0.002	<3	<0.05	<0.5	<5	12	3800	57	0.009	<0.005	<0.005	<0.02	1100	37	0.1	51	16	540	<0.5	100
Tertiary	C9180121	9180121S	28/03/2015	2300	6.8	<40	<50	<400	<3	<0.005	<0.003	0.31	0.0002	<0.001	<1	<0.001	0.34	0.002	0.016	<0.00005	<1	0.005	<3	<0.05	<0.5	<5	8.4	3800	54	<0.005	<0.005	<0.005	<0.02	1100	35	0.1	50	14	540	<0.5	98
Tertiary	C918121S	9180121S	31/05/2015	2300	6.8	<10	-	-	-	<0.005	<0.001	0.32	0.0002	<0.001	1	<0.001	0.15	0.002	0.019	<0.0001	<1	0.002	<3	<0.05	<1	<5	3.2	3900	47	0.008	0.11	<0.005	<0.01	1200	36	0.2	51	14	550	<0.5	97
Tertiary	C9180121	9180121S	19/07/2015	2200	6.6	<10	-	-	-	<0.005	<0.001	0.29	0.0001	<0.001	1	<0.001	0.079	0.002	0.018	<0.0001	<1	0.002	<3	<0.05	<1	<5	1.8	3700	37	0.017	0.23	<0.005	0.03	1100	33	0.1	45	14	580	<0.5	89
Tertiary	C9180121	9180121S	14/09/2015	2200	6.7	<10	-	-	-	<0.005	<0.001	0.3	0.0002	<0.001	1	<0.001	0.22	0.001	0.019	<0.00005	<1	0.002	<3	<0.05	<1	<5	2.7	3700	40	0.01	0.11	<0.005	<0.01	1200	34	0.1	48	14	480	<0.5	91
Tertiary	C9180121	9180121S	28/11/2015	2200	6.5	<10	-	-	-	<0.005	<0.001	0.31	0.0002	<0.001	1	<0.001	0.095	0.002	0.018	<0.00005	<1	0.002	4	<0.05	<1	<5	0.87	3600	35	<0.005	0.26	<0.005	<0.01	1100	35	0.1	49	15	540	<0.5	92
Tertiary	C9180121	9180121S	19/04/2016	2200	6.6	<10	-	-	-	<0.005	<0.001	0.33	0.0001	<0.001	<1	<0.001	0.097	0.001	0.015	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.78	3700	39	<0.005	0.14	<0.005	<0.01	1000	35	0.1	49	14	540	<0.5	97
Tertiary	C9180121	9180121S	6/07/2016	2200	6.5	<10	-	-	-	<0.005	<0.001	0.3	<0.0001	<0.001	<1	<0.001	0.006	0.001	0.016	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.84	3700	45	0.006	0.073	<0.005	0.01	1100	34	0.1	47	14	550	<0.5	91
Tertiary	C9180121	9180121S	22/11/2016	2200	6.6	<20	<20	<130	<3	<0.005	<0.001	0.33	<0.0001	<0.001	<1	<0.001	<0.005	0.002	0.016	<0.00005	<1	0.002	<3	<0.05	<1	<5	0.12	3700	35	<0.005	0.14	<0.005	0.02	1100	37	0.1	52	15	570	<0.5	100
Tertiary	C9180121	9180121S	19/04/2017	2200	6.3	<20	<20	<125	<3	<0.005	<0.001	0.3	<0.0001	<0.001	<1	<0.001	0.2	0.002	0.011	<0.00005	<1	0.004	<3	<0.05	<1	<5	0.057	3700	31	0.022	0.27	<0.005	<0.01	1100	33	0.1	47	13	590	<0.5	90
Tertiary	CO25P2	C025P2	29/09/2011	8180	7.52	310	330	<100	16	0.03	0.012	1.01	<0.0001	0.005	-	<0.001	-	<0.001	1.16	<0.0001	1	<0.001	50	<1	2	10	0.006	14000	746	0.63	0.03	<0.01	0.38	4570	107	0.8	134	79	2700	0.4	54
Tertiary	CO25P2	C025P2	7/11/2011	8660	7.07	60	60	<100	6	<0.01	0.013	1.01	<0.0001	<0.005	<1	0.002	24.5	<0.001	2.19	<0.0001	<1	0.001	10	<1	<1	10	0.006	14700	763	1.38	0.16	<0.01	0.12	3670	130	0.6	130	74	2680	<0.1	10
Tertiary	C025P2	C025P2	25/05/2013	7780	7.73	80	70	<100	<1	<0.01	0.002	1.22	<0.0001	0.004	<1	<0.001	4.11	<0.001	3.01	<0.0001	<1	<0.001	<10	<1	<1	<10	0.006	12700	605	0.72	<0.01	<0.01	<0.01	4710	114	0.5	117	79	2780	<0.1	165
Tertiary	C025P2_2	C025P2	7/05/2014	8580	6.97	20	30	<100	<1	<0.01	<0.001	1.3	<0.0001	0.001	<1	<0.001	8.1	<0.001	3.04	<0.0001	2	0.001	<10	<1	<1	<10	<0.005	13200	430	-	-	-	0.05	4700	109	0.4	114	66	2700	0.1	330
Tertiary	C025P2_2	C025P2	28/05/2014	8000	7.2	<20	<20	<100	<1	<0.01	<0.001	1.19	<0.0001	<0.001	<1	<0.001	5.58	<0.001	3.12	<0.0001	2	0.007	<10	<1	<1	<10	0.022	12300	394	-	-	-	0.08	4650	109	0.4	112	59	2820	<0.1	416
Tertiary	C025P2	C025P2	4/08/2014	8700	7.5	<40	<50	-	<3	<0.01	<0.001	1.5	<0.001	<0.001	<1	0.063	<0.01	<0.001	3.6	<0.0001	3	0.01	<2	<0.25	<0.5	<1	<0.01	14000	410	0.24	0.008	0.005	0.08	4400	110	0.3	120	94	2600	-	400
Tertiary	C025P2_0	C025P2	26/09/2014	9000	7.4	<40	<50	<650	<3	<0.005	<0.001	1.6	<0.0001	<0.001	<1	<0.001	1.2	<0.001	2.7	<0.00005	<1	<0.001	<1	<0.25	0.6	<1	<0.005	15000	380	0.28	<0.005	<0.005	0.11	4500	120	0.5	120	98	2600	<0.5	460
Tertiary	C025P2_2	C025P2	20/11/2014	9000	7.2	<40	<50	<400	<3	<0.005	<0.001	1.5	<0.0001	<0.001	<1	0.02	<0.005	<0.001	2.1	<0.00005	1	0.005	<1	<0.25	1	<1	<0.005	15000	400	0.36	0.009	<0.005	0.12	4500	120	-	120	100	2700	<0.1	420
Tertiary	C025P2_2	C025P2	7/02/2015	8400	7.4	<40	<50	<400	<3	0.016	<0.001	-	<0.0001	<0.001	<1	<0.001	0.52	<0.001	1.5	<0.00005	1	<0.001	<1	<0.25	1.6	1	<0.005	14000	410	0.3	<0.005	<0.005	0.04	4400	120	0.5	120	93	2900	<0.5	420
Tertiary	C025P2_2	C025P2	26/03/2015	8700	7.4	<40	<50	<400	<3	<0.005	<0.001	1.6	<0.0001	<0.001	<1	0.001	0.31	<0.001	2.5	<0.00005	<1	<0.001	<1	<0.25	0.5	<1	<0.005	15000	400	0.42	0.012	<0.005	0.19	4400	110	0.5	120	95	2800	<0.5	440
Tertiary	C025P2_2	C025P2	28/05/2015	8800	7.7	<10	-	-	-	0.014	<0.001	1.7	<0.0001	<0.001	<1	0.002	<0.005	<0.001	2	<0.0001	1	<0.001	<1	<0.5	1	2	0.014	15000	440	0.67	0.005	<0.005	0.27	4500	120	0.6	120	99	2900	2.1	430
Tertiary	C025P2_2	C025P2	22/07/2015	8600	7.6	<10	-	-	-	<0.005	<0.001	1.7	<0.0001	<0.001	<1	<0.001	0.011	<0.001	2.6	<0.00005	<1	0.001	1	<0.25	<1	<1	<0.005	14000	410	0.77	<0.005	<0.005	0.32	4500	110	0.6	110	110	2800	-	430
Tertiary	C025P2_2	C025P2	9/09/2015	8400	7.5	<10	-	-	-	0.034	<0.001	1.4	<0.0001	<0.001	1	0.017	0.49	<0.001	1.9	<0.00005	1	0.001	3	<0.15	1	<1	0.011	14000	420	0.39	<0.005	<0.005	0.09	3500	110	2.4	110	73	2600	<0.5	310
Tertiary	C025P2_1	C025P2	26/11/2015	8600	7.3	<10	-	-	-	<0.005	<0.001	1.7	<0.0001	<0.001	5	0.005	<0.005	<0.001	2.3	<0.00005	<1	0.001	<1	<0.15	<1	1	0.005	14000	380	0.38	<0.005	<0.005	0.14	4200	120	0.6	120	110	2900	<0.5	450
Tertiary	C025P2_1	C025P2	26/02/2016	8400	7.4	<10	-	-	-	<0.005	<0.001	1.6	<0.0001	<0.001	<1	0.004	0.022	<0.001	2.4	<0.00005	1	<0.001	<1	<0.15	<1	<1	0.016	14000	370	0.2	0.009	<0.005	0.12	4300	120	0.5	120	99	2900	<0.5	470
Tertiary	c025p2_4	C025P2	20/04/2016	8400	7.5	<10	-	-	-	<0.005	<0.001	1.6	<0.0001	<0.001	<1	<0.001	0.012	<0.001	2.3	<0.00005	<1	<0.001	<1	<0.15	<1	<1	<0.005	14000	390	0.62	<0.005	<0.005	0.39	3200	110	0.5	120	95	2800	1.8	450
Tertiary	C025P2_1	C025P2	25/11/2016	8400	7.5	<20	<20	<125	<3	<0.005	<0.001	1.5	<0.0001	<0.001	<1	0.007	2.3	<0.001	2.1	<0.00005	<1	<0.001	<1	<0.15	<1	4	0.012	14000	390	0.87	<0.005	<0.005	0.17	4500	110	0.5	120	77	3000	<0.5	430
Tertiary	C025P2_0	C025P2	22/04/2017	8500	7.6	<20	<20	<125	<3	<0.005	<0.001	1.6	<0.0001	<0.001	<1	0.062	0.005	<0.001	2.1	<0.00005	<1	<0.001	<5000	<0.15	<1	2	0.007	14000	420	4.8	<0.005	<0.005	0.86	4400	120	0.5	120	74	3100	2.4	390
Tertiary	C029P2	C029P2	29/09/2011	-	-	<20	<20	<100	<1	<0.01	0.006	0.92	-	<0.001	<1	<0.001	1.74	<0.001	0.448	<0.0001	1	0.001	<10	<1	<1	<10	0.006	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-
Tertiary	CO29P2	C029P2	7/11/2011	7780	6.96	<20	<20	<100	<1	<0.01	0.008	0.84	<0.0001	0.002	1	0.001	6.33	<0.001	0.655	<0.0001	<1	0.005	<10	<1	<1	<10	0.011	12100	274	0.42	0.01	<0.01	0.21	3740	95	0.6	122	75	2180	<0.1	246
Tertiary	C029P2_2	C029P2	7/05/2014	7480	6.91	<20	<20	<100	<1	<0.01	0.008	1.08	<0.0001	<0.001	<1	<0.001	4.11	<0.001	0.233	<0.0001	<1	0.001	<10	<1	<1	<10	0.007	11500	242	-	-	-	0.08	4080	85	0.4	117	70	2250	<0.1	270
Tertiary	C029P2_2	C029P2	28/05/2014	6760	7.13	<20	<20	<100	<1	<0.01	0.005	0.94	<0.0001	<0.001	<1	0.002	2.17	<0.001	0.22	<0.0001	<1	0.003	<10	<1	<1	<10	0.019	10400	233	-	-	-	0.07	4080	86	0.4	117	64	2390	<0.1	287
Tertiary	C029P2	C029P2	2/08/2014	7500	7.2	<40	<50	<400	<3	<0.01	0.003	1.2	<0.001	<0.001	<1	<0.002	2.2	<0.001	0.26	<0.0001	<1	0.004	<2	<0.15	<0.5	<1	<0.01	12000	250	0.12	<0.005	<0.005	0.06	3800	88	0.4	120	100	2100	-	300
Tertiary	C029P2_0	C029P2	26/09/2014	7200	7.4	<40	<50	<650	<3	0.011	<0.009	1.2	0.0004	<0.003	<3	<0.003	1.1	<0.003	0.27	<0.00005	<3	<0.003	<9	<0.15	<0.5	<10	<0.01	12000	240	0.1	<0.005	<0.005	0.1	3900	90	0.5	120	100	2100	<0.5	310
Tertiary	C029P2_2	C029P2	20/11/2014	7200	7.2	<40	<50	<400	<3	<0.005	<0.001	1.2	<0.0001	<0.001	<1	0.028	0.011	<0.001	<0.001	<0.00005	<1	0.007	<1	<0.15	0.7	<1	<0.005	12000	270	0.056	<0.005	<0.005	0.04	3800	94	0.5	120	100	2100	<0.1	300
Tertiary	C029P2_2	C029P2	7/02/2015	7200	7.3	<40	<50	<400	<3	<0.005	<0.009	1.2	<0.0003	<0.003	<3	0.016	0.024	<0.003	0.26	<0.00005	<1	0.008	<9	<0.15	0.5	<5	0.04	12000	240	0.087	<0.005	<0.005	0.07	3700	93	0.5	120	91	2200	<0.5	290
Tertiary	C029P2_2	C029P2	23/03/2015	7400	7.4	<40	<50	<400	<3	<0.005	<0.012	1.2	<0.0003	<0.003	<3	<0.003	0.016	<0.003	0.24	<0.00005	<3	<0.003	<12	<0.15	0.7	<5	<0.005	12000	240	0.094	0.006	<0.005	0.06	3600	91	0.6	120	100	2300	<0.5	310
Tertiary	C029P2_2	C029P2	28/05/2015	7600	7.5	<10	-	-	-	0.01	<0.001	1.3	<0.0001	<0.001	<1	0.002	<0.005	<0.001	0.22	<0.0001	<1	0.002	<1	<0.5	<1	2	0.01	13000	250	0.12	<0.005	<0.005	0.1	3700	96	0.6	130	100	2300	<0.5	310
Tertiary	C029P2_2	C029P2	22/07/2015	7200	7.3	<10	-	-	-	<0.005	<0.001	1.3	<0.0001	<0.001	<1	<0.001	0.41	<0.001	0.22	<0.00005	<1	<0.001	2	<0.25	1	<1	<0.005	12000	240	0.11	0.01	<0.005	0.09	3900	98	0.5	120	110	2200	-	310
Tertiary	C029P2_2	C029P2	10/09/2015	7300	7.5	<10	-	-	-	<0.005	0.004	1.1	<0.0001	<0.001	<1	<0.001	0.33	<0.001	0.2	<0.00005	<1	<0.001	3	<0.15	<1	<1	1.3	12000	240	0.1	<0.005	<0.005	0.06	3500	85	-	110	74	2100	<0.5	230
Tertiary	C029P2_2	C029P2	26/11/2015	7200	7.4	<10	-	-	-	<0.005	0.002	1.1	<0.0001	<0.001	<1	<0.001	0.009	<0.001	0.22	<0.00005	<1	<0.001	<1	<0.15	<1	<1	<0.005	12000	230	0.045	0.009	<0.005	0.07	3400	89	0.5	110	79	2200	<0.5	270
Tertiary	C029P2_1	C029P2	28/02/2016	6500	7.3	<10	-	-	-	<0.005	0.006	1.3	<0.0001	<0.001	<1	<0.001	0.16	<0.001	0.19	<0.00005	<1	<0.001	<1	<0.15	<1	<1	3.4	11000	230	0.045	0.005	<0.005	0.04	3700	88	0.5	120	100	2400	<0.5	320
Tertiary	C029P2_0	C029P2	20/04/2016	7000	7.4	<10	-	-	-	<0.005	0.002	1.2	<0.0001	<0.001	<1	<0.001	0.15	<0.001	0.18	<0.00005	<1	<0.001	<1	<0.15	1	<1	<0.005	12000	230	0.025	<0.005	<0.005	0.03	4900	96	0.6	120	96	2400	<0.5	320
Tertiary	C029P2_0	C029P2	8/07/2016	7100	7.3	<10	-	-	-	<0.005	0.004	1.2	<0.0001	<0.001	<1	0.001	1.2	<0.001	0.18	<0.00005	<1	<0.001	1	<0.15	1	<1	0.006	12000	240	0.035	0.005	<0.005	0.03	1500	89	0.6	110	97	2900	<0.5	280
Tertiary	C029P2_0	C029P2	22/04/2017	7300	7.2	<20	<20	<125	<3	<0.005	0.004	1.2	<0.0001	<0.001	<1	<0.001	<0.005	<0.001	0.2	<0.00005	<1	<0.001	<5000	<0.15	<1	<1	0.005	12000	240	0.07	0.019	<0.005	0.05	3700	85	0.5	110	110	2400	<0.5	290
Tertiary	C558P	C558P1	19/05/2013	2940	7.03	<20	<20	<100	<1	0.03	0.001	0.38	<0.0001	<0.001	4	0.029	0.48	<0.001	0.332	<0.0001	<1	0.007	<10	<1	<1	<10	0.007	4820	195	0.88	0.04	<0.01	0.14	1370	35	0.3	83	17	783	<0.1	114
Tertiary	C558P1_2	C558P1	30/04/2014	4590	7.24	<20	<20	670	<1	0.02	0.002	0.45	<0.0001	<0.001	5	0.006	0.43	<0.001	0.385	<0.0001	1	0.005	<10	<1	1	<10	0.018	7060	245	-	-	-	0.06	2420	14	0.3	1	4	1570	<0.1	<1
Tertiary	C558P1_2	C558P1	29/05/2014	4970	6.98	<20	<20	<100	<1	<0.01	<0.001	0.56	<0.0001	0.001	2	0.041	<0.05	<0.001	0.162	<0.0001	1	0.007	<10	<1	1	20	0.047	7640	217	-	-	-	0.03	2100	65	0.3	176	26	1200	<0.1	196
Tertiary	C558P1	C558P1	31/07/2014	4900	7.1	<40	<50	<400	<3	0.01	<0.009	0.69	0.0009	<0.003	<3	0.048	0.081	<0.003	0.17	<0.0001	<3	0.008	<9	<0.15	1.2	<10	0.014	8200	220	0.034	0.027	<0.005	0.02	2500	70	0.3	180	44	1200	-	210
Tertiary	C558P1_0	C558P1	24/09/2014	5100	7.2	<40	<50	<650	<3	0.02	<0.006	0.69	0.0003	0.002	2	0.011	0.35	<0.002	0.17	<0.00005	<2	0.012	<6	<0.1	1.1	<50	0.018	8400	230	0.018	0.11	<0.005	0.02	2600	68	0.4	180	30	1100	<0.5	200
Tertiary	C558P1_2	C558P1	18/11/2014	5300	7.3	<40	<50	430	<3	0.019	0.027	0.79	0.0004	<0.003	5	0.006	0.96	<0.003	0.36	<0.00005	<3	0.004	<9	<0.15	1	<10	0.19	8800	230	0.33	0.036	<0.005	0.03	2700	73	0.4	190	41	1200	<0.5	230
Tertiary	C558P1_2	C558P1	5/02/2015	5300	7.4	<40	<50	<400	<3	0.013	<0.006	0.76	<0.0002	<0.002	2	0.029	0.27	<0.002	0.14	<0.00005	<2	0.006	<6	<0.1	1.2	6	0.005	8900	230	0.058	0.58	<0.005	<0.02	2600	72	0.4	190	49	1300	<0.5	230
Tertiary	C558P1_2	C558P1	24/03/2015	5400	7.4	<40	<50	<400	<3	<0.005	<0.012	0.77	<0.0003	<0.003	<3	0.083	0.19	<0.003	0.11	<0.00005	<3	0.036	<12	<0.15	1.7	<5	0.007	9000	240	0.048	0.31	<0.005	<0.02	2700	72	0.4	200	43	1400	<0.5	240
Tertiary	C558P1_2	C558P1	24/05/2015	5300	7.4	<10	-	-	-	0.015	0.001	0.83	<0.0001	0.001	2	0.034	0.3	<0.001	0.11	<0.0001	<1	0.033	3	<0.15	2	<5	0.015	8800	240	0.048	0.32	<0.005	0.02	2900	75	0.4	210	50	1500	<0.5	250
Tertiary	C558P1_2	C558P1	26/07/2015	5500	7.3	<10	-	-	-	<0.005	<0.001	0.84	<0.0001	0.001	2	0.021	0.16	<0.001	0.092	<0.00005	1	0.034	2	<0.1	1	2	0.06	9100	230	0.028	0.33	<0.005	0.02	2900	72	0.4	190	49	1400	-	240
Tertiary	C558P1_2	C558P1	8/09/2015	5500	7.5	<10	-	-	-	0.007	<0.001	0.8	<0.0001	<0.001	2	1.1	0.13	<0.001	0.11	<0.00005	1	0.03	2	<0.1	2	4	1.2	9100	240	0.028	0.3	<0.005	0.01	2800	77	0.4	220	47	1400	<0.5	260
Tertiary	C558P1_2	C558P1	24/11/2015	5800	7.3	<10	-	-	-	<0.005	<0.001	0.82	<0.0001	<0.001	1	0.98	0.008	<0.001	0.069	<0.00005	<1	0.032	<1	<0.1	2	5	0.028	9600	230	0.006	0.5	<0.005	0.03	2600	79	0.4	210	43	1400	<0.5	240
Tertiary	C558P1_1	C558P1	25/02/2016	5200	7.4	<10	-	-	-	0.006	<0.001	0.85	<0.0001	<0.001	2	0.43	<0.005	<0.001	0.072	<0.00005	1	0.022	<1	<0.1	2	4	0.029	8700	230	0.009	0.23	<0.005	0.02	2700	78	0.4	220	48	1500	<0.5	260
Tertiary	C558P1_0	C558P1	19/04/2016	5500	7.4	<10	-	-	-	<0.005	<0.001	0.84	<0.0001	0.002	1	0.44	0.009	<0.001	0.041	<0.00005	<1	0.023	<1	<0.1	2	5	0.008	9200	240	<0.005	0.21	<0.005	0.01	3500	79	0.4	210	41	1500	<0.5	240
Tertiary	C558P1_0	C558P1	6/07/2016	5600	7.3	<10	-	-	-	<0.005	<0.001	0.83	<0.0001	<0.001	1	0.43	<0.005	<0.001	0.046	<0.00005	<1	0.018	<1	<0.1	2	11	0.039	9300	240	0.005	0.2	<0.005	0.02	2800	76	0.4	210	48	1500	<0.5	250
Tertiary	C558P1_1	C558P1	22/11/2016	5600	7.3	<20	<20	<125	<3	<0.005	<0.001	0.9	<0.0001	0.002	2	0.18	0.023	<0.001	0.061	<0.00005	2	0.053	4	<0.1	2	<1	<0.005	9400	240	0.008	0.12	<0.005	0.01	3000	82	0.4	230	50	1600	<0.5	280
Tertiary	C558P1	C558P1	19/04/2017	5700	7.3	<20	<20	430	<3	<0.005	<0.001	0.83	<0.0001	<0.001	2	0.14	0.009	<0.001	0.053	<0.00005	2	0.078	2	<0.1	2	11	0.005	9500	220	0.022	0.11	<0.005	0.01	2900	77	1.1	210	47	1600	<0.5	250
Tertiary	C9845SPF	C9845SPF	30/04/2014	1280	7.18	<20	<20	<100	2	<0.01	<0.001	0.24	<0.0001	0.002	<1	<0.001	<0.05	<0.001	0.01	<0.0001	1	0.003	<10	<1	<1	<10	0.016	1970	95	-	-	-	0.13	601	10	0.3	15	9	392	<0.1	64
Tertiary	C9845SPF	C9845SPF	28/05/2014	1190	7.44	<20	<20	<100	<1	<0.01	<0.001	0.21	<0.0001	0.002	<1	0.001	<0.05	<0.001	0.034	<0.0001	1	0.002	<10	<1	<1	<10	0.04	1830	68	-	-	-	0.16	609	8	0.2	16	7	411	<0.1	58
Tertiary	C9845	C9845SPF	30/07/2014	870	7	<40	<50	<400	<3	<0.005	<0.003	0.16	<0.0001	0.0014	<1	0.007	<0.005	0.001	0.01	<0.0001	<1	0.001	5	<0.05	<0.5	<5	0.056	1500	58	<0.005	0.16	<0.005	0.04	370	6.8	0.4	11	8.1	230	-	43
Tertiary	C9845SPF	C9845SPF	27/09/2014	1200	7.1	<40	<50	<650	<3	<0.005	<0.003	0.21	0.0002	0.0015	<1	<0.001	<0.005	<0.001	<0.005	<0.00005	<1	0.002	5	<0.05	<0.5	<5	<0.005	2000	60	<0.005	0.16	<0.005	0.06	540	4.6	0.3	16	11	340	<0.5	67
Tertiary	C9845SPF	C9845SPF	21/11/2014	1200	6.7	<40	<50	<400	<3	<0.005	0.004	0.22	0.0002	0.0012	<1	<0.001	<0.005	<0.001	0.011	<0.00005	<1	0.003	4	<0.05	<0.5	<5	0.02	2000	58	<0.005	0.14	<0.005	0.47	540	4.8	0.2	15	10	350	<0.1	54
Tertiary	C9845SPF	C9845SPF	9/02/2015	1200	6.9	<40	<50	<400	<3	<0.005	<0.003	0.22	<0.0001	0.0019	<1	<0.001	<0.005	<0.001	<0.005	<0.00005	<1	0.017	<3	<0.05	<0.5	<5	<0.005	2000	59	0.006	0.14	<0.005	0.03	540	4.8	0.3	16	11	400	<0.5	65
Tertiary	C9845SPF	C9845SPF	27/03/2015	1200	6.9	<40	<50	<400	<3	<0.005	<0.003	0.23	<0.0001	0.0011	<1	0.049	<0.005	<0.001	<0.005	<0.00005	<1	0.023	<3	<0.05	<0.5	<5	0.042	2000	60	<0.005	0.11	<0.005	0.04	530	4.5	0.3	15	9.5	350	<0.5	63
Tertiary	C9845SPF	C9845SPF	30/05/2015	1200	6.9	<10	-	-	-	<0.005	<0.001	0.24	<0.0001	0.002	<1	0.037	0.007	0.001	0.003	<0.0001	<1	0.004	5	<0.05	<1	<5	0.006	2000	59	<0.005	0.12	<0.005	0.02	540	4.7	0.3	16	9.4	360	<0.5	63
Tertiary	C9845SPF	C9845SPF	20/07/2015	1200	6.9	<10	-	-	-	<0.005	<0.001	0.21	<0.0001	0.001	<1	0.23	<0.005	<0.001	0.003	<0.0001	<1	0.005	4	<0.05	<1	<5	0.033	2000	60	0.005	0.14	<0.005	0.04	530	4.3	0.2	14	9.8	330	<0.5	60
Tertiary	C9845SPF	C9845SPF	14/09/2015	1200	7.1	<10	-	-	-	<0.005	<0.001	0.22	0.0001	0.0014	<1	0.18	<0.005	<0.001	0.003	<0.00005	<1	0.002	4	<0.05	<1	<5	0.024	2000	60	0.006	0.14	<0.005	0.03	470	4.5	0.2	15	9.5	340	<0.5	60
Tertiary	C9845SPF	C9845SPF	27/11/2015	1200	6.9	<10	-	-	-	<0.005	<0.001	0.23	<0.0001	0.0018	<1	0.078	<0.005	<0.001	0.002	<0.00005	<1	0.001	4	<0.05	<1	<5	0.008	2000	63	<0.005	0.16	<0.005	0.04	520	4.5	0.3	15	10	350	<0.5	61
Tertiary	C9845SPF	C9845SPF	28/02/2016	1200	6.7	<10	-	-	-	<0.005	<0.001	0.22	0.0001	0.002	<1	0.083	<0.005	<0.001	0.002	<0.00005	<1	0.001	4	<0.05	<1	<5	0.01	1900	57	0.009	0.17	<0.005	0.04	520	4.5	0.2	15	9.8	380	<0.5	63
Tertiary	c9845spr_	C9845SPF	21/04/2016	1200	7.2	<10	-	-	-	<0.005	<0.001	0.22	<0.0001	0.0015	<1	0.18	<0.005	0.001	0.003	<0.00005	<1	0.002	5	<0.05	<1	<5	0.18	2000	89	<0.005	0.099	<0.005	0.03	420	4.1	0.2	14	9	320	<0.5	58
Tertiary	C9845SPF	C9845SPF	24/11/2016	1100	6.8	<20	<20	<125	<3	<0.005	<0.001	0.23	<0.0001	<0.001	<1	0.12	<0.005	<0.001	0.002	<0.00005	<1	<0.001	5	<0.05	<1	<5	1.7	1800	54	0.006	0.23	<0.005	0.02	540	4.5	0.2	15	9.9	390	<0.5	61
Tertiary	C9845SPF	C9845SPF	23/04/2017	1200	6.5	<20	<20	<125	<3	<0.005	<0.001	0.22	0.0005	0.0026	1	0.17	0.006	0.002	0.002	<0.00005	<1	0.001	6	<0.05	<1	<5	0.011	2000	53	<0.005	0.17	<0.005	0.03	520	4.5	0.2	15	9.1	370	<0.5	60

D R A F T

Appendix D2 Contaminant Limits

Appendix D Contaminant Limits

Contaminant Limits (ANZECC & ARMCANZ, 2000 fresh water triggers shown for comparison; values are 95% species protection unless otherwise stated)

Alluvium

Parameter	Units	ANZECC & ARMCANZ (2000)	C14028SP Contaminant Limits	C029P1 Contaminant Limits	C027P1 Contaminant Limits	HD03A Contaminant Limits
Calcium	mg/L Ca	–	889	93	27	2.5
Magnesium	mg/L Mg	–	1,089	378.3	141.7	3
Potassium	mg/L K	–	219	427	100	22
Sodium	mg/L Na	–	9,746	7,485	1,300	181
Chloride	mg/L Cl	–	16,890	11,000	2,332	199
Sulphate	mg/L SO_4	–	1,989	1,100	515	14
Alkalinity	mg/L $CaCO_3$	–	428	2,410	565	176
Sulphide	mg/L S_2	–	NV	2	NV	NV
Fluoride	mg/L F	–	1.8	1.8	0.9	0.5
Aluminium	µg/L Al	55	55	55	55	55
Arsenic	µg/L As	13	13(8)	13	15	13
Boron	µg/L B	370	3,478	5,700	858	370(199)
Cadmium	µg/L Cd	0.2	0.2	0.2	0.2	0.2
Chromium	µg/L Cr	1	1	1	1	1

Parameter	Units	ANZECC & ARMCANZ (2000)	C14028SP Contaminant Limits	C029P1 Contaminant Limits	C027P1 Contaminant Limits	HD03A Contaminant Limits
Cobalt	µg/L Co	1.4 (low reliability freshwater)	25.7	12.9	18.5	1.4
Copper	µg/L Cu	1.4	15.4	145.2	187.3	1.4
Iron	µg/L Fe	300 (interim value from Canadian guidelines)	728	5,000	17,990	637.2
Lead	µg/L Pb	3.4	3.4	3.4	3.4	3.4
Manganese	µg/L Mn	1,900	9,423	4,230	4,540	1900(239)
Molybdenum	µg/L Mo	34 (low reliability freshwater)	34(7)	34(8)	34	34
Nickel	µg/L Ni	11	11(7)	30	34	11
Selenium	µg/L Se	11	11	11	11	11
Silver	µg/L Ag	0.05	0.05	0.05	0.05	0.05
Uranium	µg/L U	0.5 (low reliability freshwater)	85	167	0.5	0.5
Vanadium	µg/L V	6 (interim low reliability freshwater)	6	31	6	6
Zinc	µg/L Zn	8	46	318	107	8
Mercury	µg/L Hg	0.6	0.06	0.06	0.06	0.06
Ammonia	mg/L N	900	1.0	1.2	0.9	0.9(0.1)
Nitrate	mg/L N	700	0.7	0.7	0.7(0.1)	0.7
Nitrite	mg/L N	–	NV	NV	NV	NV

Parameter	Units	ANZECC & ARMCANZ (2000)	C14028SP Contaminant Limits	C029P1 Contaminant Limits	C027P1 Contaminant Limits	HD03A Contaminant Limits
T. Phosphorous	mg/L P	–	NV	0.39	0.27	0.21
Total Recoverable Hydrocarbons	ppb (C_6 – C_9)	–	Detect above LOR	Detect above LOR	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_6 – C_{10})	–	Detect above LOR	Detect above LOR	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_{10} – C_{40})	–	Detect above LOR	Detect above LOR	Detect above LOR	Detect above LOR
BTEX	ppb	950 (benzene); 200 (p-xylene)	Detect above LOR	Detect above LOR	Detect above LOR	Detect above LOR
pH	pH units	6 - 9	6 - 9	6 - 9	6 - 9	6 - 9
Electrical Conductivity	µS/cm	–	44,890	34,000	7,300	924
Total Dissolved Solids	mg/L	–	26,890	20,272	4,442	607

Tertiary Sediments

Parameter	Units	C558P1 Contaminant Limits	Bores C025P2 and C029P2 Contaminant Limits	All other Tertiary Sediments Contaminant Limits
Calcium	mg/L Ca	81.5	126.7	37.0
Magnesium	mg/L Mg	228.4	132.7	51.7
Potassium	mg/L K	50	110	16
Sodium	mg/L Na	1,600	3,067	638
Chloride	mg/L Cl	3,420	4,837	1,200
Sulphate	mg/L SO_4	250	467	100
Alkalinity	mg/L $CaCO_3$	244	757	93
Sulphide	mg/L S_2	NV	NV	NV
Fluoride	mg/L F	1.0	1.9	0.4
Aluminium	µg/L Al	55(29)	55	55
Arsenic	µg/L As	13	13	13
Boron	µg/L B	892	1,700	330
Cadmium	µg/L Cd	0.2	0.2	0.5
Chromium	µg/L Cr	1.0	1.0	2.5
Cobalt	µg/L Co	5.0	1.4	1.4
Copper	µg/L Cu	440	62.9	225.0
Iron	µg/L Fe	898	6,143	379

Parameter	Units	C558P1 Contaminant Limits	Bores C025P2 and C029P2 Contaminant Limits	All other Tertiary Sediments Contaminant Limits
Lead	µg/L Pb	3.4	3.4	3.4(2.9)
Manganese	µg/L Mn	1,900(381)	3,442	1,900
Molybdenum	µg/L Mo	34	3	34
Nickel	µg/L Ni	50	10	14
Selenium	µg/L Se	11	11	11
Silver	µg/L Ag	0.05	0.05	0.05
Uranium	µg/L U	2	2	0.5
Vanadium	µg/L V	19	10	6
Zinc	µg/L Zn	172	22	3,070
Mercury	µg/L Hg	0.06	0.06	0.06
Ammonia	mg/L N	0.8	1.6	0.9
Nitrate	mg/L N	0.6	0.1	0.7
Nitrite	mg/L N	NV	NV	NV
T. Phosphorous	mg/L P	0.13	0.39	0.42
Total Recoverable Hydrocarbons	ppb (C_6 – C_9)	Detect above LOR	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_6 – C_{10})	Detect above LOR	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_{10} – C_{40})	Detect above LOR	Detect above LOR	Detect above LOR

Parameter	Units	C558P1 Contaminant Limits	Bores C025P2 and C029P2 Contaminant Limits	All other Tertiary Sediments Contaminant Limits
BTEX	ppb	Detect above LOR	Detect above LOR	Detect above LOR
pH	pH units	6 - 9	6 - 9	6 - 9
Electrical Conductivity	µS/cm	9,584	14,600	3,700
Total Dissolved Solids	mg/L	5,784	9,000	2,500

Clematis Sandstone

Parameter	Units	Bores HD03A and C14021SP Contaminant Limits	All other Clematis Sandstone Bores Contaminant Limits
Calcium	mg/L Ca	5.2	6.6
Magnesium	mg/L Mg	11.0	9.7
Potassium	mg/L K	19	17
Sodium	mg/L Na	143	126
Chloride	mg/L Cl	158	130
Sulphate	mg/L SO_4	21	11
Alkalinity	mg/L $CaCO_3$	140	125
Sulphide	mg/L S_2	NV	NV
Fluoride	mg/L F	0.3	0.5

Parameter	Units	Bores HD03A and C14021SP Contaminant Limits	All other Clematis Sandstone Bores Contaminant Limits
Aluminium	µg/L Al	24	24
Arsenic	µg/L As	14	13
Boron	µg/L B	130	140
Cadmium	µg/L Cd	NV	NV
Chromium	µg/L Cr	NV	NV
Cobalt	µg/L Co	4	4
Copper	µg/L Cu	19.8	55.3
Iron	µg/L Fe	632	80
Lead	µg/L Pb	NV	NV
Manganese	µg/L Mn	447	153
Molybdenum	µg/L Mo	NV	NV
Nickel	µg/L Ni	18	18
Selenium	µg/L Se	NV	NV
Silver	µg/L Ag	NV	NV
Uranium	µg/L U	NV	NV
Vanadium	µg/L V	NV	NV
Zinc	µg/L Zn	88	695
Mercury	µg/L Hg	NV	NV

Parameter	Units	Bores HD03A and C14021SP Contaminant Limits	All other Clematis Sandstone Bores Contaminant Limits
Ammonia	mg/L N	0.2	0.6
Nitrate	mg/L N	0.3	0.8
Nitrite	mg/L N	NV	NV
T. Phosphorous	mg/L P	0.12	0.24
Total Recoverable Hydrocarbons	ppb (C_6 – C_9)	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_6 – C_{10})	Detect above LOR	Detect above LOR
Total Recoverable Hydrocarbons	ppb (C_{10} – C_{40})	Detect above LOR	Detect above LOR