

Hole ID	Date	Ground Water Monitoring								Gas monitoring								
		Depth to base (m)	Depth to water (m)	Height of well casing from ground level (m)	pH	Temperature (°C)	Specific Conductivity (µS/cm)	RDO concentration (mg/L)	ORP (mV)	Pressure (mb)	Peak Flow (L/hr)	Steady Flow(L/hr)	CO ₂ peak (%)	CO ₂ stable (%)	O ₂ minimum (%)	O ₂ stable (%)	CH ₄ peak (%)	CH ₄ stable (%)
WS01	11/05/2018	2.57	2.16	0.35	-	-	-	-	-	1011	0	0	1	0.7	19.6	19.6	0	0
WS02	11/05/2018	1.46	1.37	1.57	-	-	-	-	-	1012	0	0	0.4	0.1	20.1	20.2	0	0
WS03	11/05/2018	3.8	1.4	0.29	8.92	10.08	3247.9	0.05	-42	1012	0	0	0.1	0.1	20.5	20.5	0	0
WS04	11/05/2018	1.88	0.99	0.37	8.97	11.48	5176.8	0.02	-16.1	1012	0	0	0.2	0.2	20.2	20.4	0	0
WS05	11/05/2018	4.38	1	0.28	8.63	10.97	3124.5	0.16	-66.9	1012	0	0	0	0	20.7	20.7	0	0
WS06	11/05/2018	3.75	1.59	0.25	9.07	10.83	1359.6	0.05	-110.2	1017	0	0	0.1	0.1	20.6	20.7	0	0
WS07	11/05/2018	3.74	1.83	0.44	9.29	11.5	1302.9	1.18	-70.6	1016	0.4	0.2	0.4	0.2	20.6	20.9	0	0
WS08	11/05/2018	4.55	3.86	0.4	-	-	-	-	-	1017	4.8	0	0.7	0.5	20.4	20.6	0	0
BH01	11/05/2018	14.82	3.97	0.28	9.17	11.62	751.68	2.32	107.3	1012	0	0	0.4	0.2	20.1	20.3	0	0
BH02	11/05/2018	15.26	2.87	0.42	8.46	17.55	424.14	2.22	37.9	1012	0	0	0.2	0.2	20.5	20.5	0	0
BH03	11/05/2018	28.91	2.75	0.3	9.11	12.86	692.92	0.35	-36.9*		*	*	*	*	*	*	*	*
BH04	11/05/2018	>30	1.56	-	-	-	-	-	-	1017	0	0	0.1	0.1	20.7	20.7	0	0
BH05	11/05/2018	17.91	2.04	-	-	-	-	-	-	1017	0	0	0.4	0.1	20.1	20.5	0	0
BH06	11/05/2018	>30	2.33	0.45	-	-	-	-	-	1017	0	0	0.1	0.1	20.6	20.9	0	0

Note:
 Pressure in the morning 1011, peaking at 1017 with the last recording of 1016 taken at the end of the day.
 Measurements taken from top of well casing.
 Well BH04 and 06 were too deep for the interface probe (30m)
 Gas readings for BH03 absent due to gas tap being off
 Gas tap dropped down well side of WS08
 Water samples from WS06 were very silty and the hole began to run dry during sampling
 WS07 ran dry before sampling could take place
 Duplicate water sample of BH03 collected

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WS01	23/05/2018	2.085	2.475	1025	0	0	0.1	0.1	20.3	20.3	0	0
WS02	23/05/2018	1.32	1.465	1026	-17	0	3.9	0.1	14.4	20.3	0	0
WS03	23/05/2018	1.525	3.72	1025	7.3	0	0.3	0.2	20.3	20.3	0	0
WS04	23/05/2018	0.96	1.7	1026	0	0	0.1	0.1	20.3	20.3	0	0
WS05	23/05/2018	0.98	4.165	1026	0	0	0.1	0.1	20.3	20.3	0	0
WS06	23/05/2018	1.61	3.62	1025	0	0	0.2	0.1	20.3	20.4	0	0
WS07	23/05/2018	1.835	3.61	1025	0	0	0.4	0.1	20.2	20.3	0	0
WS08	23/05/2018	3.485	4.5	1026	4.8	0	0.2	0	20.4	20.4	0	0
BH01	23/05/2018	3.705	14.265	1026	5.3	0	0.6	0.4	19.8	19.9	0	0
BH02	23/05/2018	2.66	15.13	1025	0	0	0.1	0.1	20.4	20.4	0	0
BH03	23/05/2018	2.57	28.84	1026	0	0	0.8	0.1	20.3	20.4	0	0
BH04	23/05/2018	1.31	35.03	1025	0	0	0.1	0.1	20.3	20.3	0	0
BH05	23/05/2018	1.865	17.795	1026	0	0	0.2	0.1	20.3	20.3	0	0
BH06	23/05/2018	2.195	35.03	1025	0	0	0.1	0.1	20.4	20.4	0	0

Note:

Pressure in the morning 1026, peaking at 1026 with the last recording of 1026 taken at the end of the day.

Measurements taken from top of well casing.

Gas readings from WS02 fluctuated a lot, up and down by approximately 6% for a while before it stabilised

New gas tap placed on WS08

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	Depth to water (m)	Depth to base (m)		Pressure (mb)	Peak Flow (L/hr)	Steady Flow(L/hr)	CO ₂ peak (%)	CO ₂ stable (%)	O ₂ minium (%)	O ₂ stable (%)	CH ₄ peak (%)	CH ₄ stable (%)
WS01	2.11	2.491	01/06/2016	1018	0	0	0.5	0.2	20.2	20.4	0	0
WS02	1.367	1.451	01/06/2016	1018	0	0	1.3	0.1	19.4	20.6	0	0
WS03	1.482	3.703	01/06/2016	1018	5.4	0	0.3	0.3	20.4	20.6	0	0
WS04	0.967	1.676	01/06/2016	1018	0	0	0.1	0.1	20.6	20.6	0	0
WS05	1.03	4.417	01/06/2016	1017	0	0	0.1	0.1	20.4	20.4	0	0
WS06	1.64	3.622	01/06/2016	1017	0	0	0.1	0.1	20.7	20.7	0	0
WS07	1.866	3.599	01/06/2016	1017	0	0	0.1	0.1	20.7	20.8	0	0
WS08	3.332	4.5	01/06/2016	1016	1.3	0	0.5	0	20.7	20.8	0	0
BH01	3.783	14.285	01/06/2016	1018	-1	0	0.7	0.5	19.9	20	0	0
BH02	2.775	15.182	01/06/2016	1017	0	0	0.1	0.1	20.6	20.7	0	0
BH03	2.656	28.915	01/06/2016	1017	6	0	0.1	0.1	20.4	20.7	0	0
BH04	1.438	35.033	01/06/2016	1016	0	0	0.1	0	20.7	20.8	0	0
BH05	1.955	17.838	01/06/2016	1016	0	0	0	0	20.7	20.7	0	0
BH06	2.271	34.99	01/06/2016	1017	0	0	0.1	0.1	20.7	20.8	0	0

Note:

Pressure in the morning 1018, peaking at 1026 with the last recording of 1016 taken at the end of the day.

Measurements taken from top of well casing.