

2.2 Groundwater Level Monitoring

Groundwater was encountered in both deep borehole locations and levels were monitored throughout the return visits. Where available, the data has been summarised in the table below:

Monitoring Visit	Approximate Rest Groundwater Level (m bgl)	
	BH1	BH2
20/12/2017	1.440	1.650
30/01/2018	0.413	0.542
28/02/2018	0.461	1.084
28/03/2018	0.691	0.992
30/04/2018	0.895	1.173
30/05/2018	1.521	2.147
29/06/2018	1.578	2.051
07/08/2018	1.817	2.511
04/09/2018	Borehole not located	1.495
02/10/2018	1.243	1.565
31/10/2018	1.456	2.417
04/12/2018	Borehole not located	0.642

The results of the groundwater level monitoring have shown significant variation in depth to the groundwater table over the period of approximately 1 year. Levels were noted to be as shallow as roughly 0.5m during the winter months, deepening to a maximum of 1.82m (BH1) and 2.51m (BH2) within the summer.

This is not unexpected, as periods of heavier and more sustained rainfall during the winter months is likely to result in a temporary shallowing of the groundwater table, as observed. However, the approximate depths and implications this may have for groundworks being undertaken at certain pervious of the year should be fully considered.