
Appendix H4

Groundwater Results

WYG ENVIRONMENT

Arndale Court, Headingley, LEEDS, LS6 2UJ
 Tel: 0113 278 7111 Fax: 0113 275 0623
 Email: enviro.leeds@wyg.com



GROUNDWATER / GAS MONITORING RECORD SHEET

Client:		Transport Scotland.		Job No:		A078767		Instruments Used:		Dip Meter											
Project Name:		A77 Maybole Bypass		Date:				Monitored By:		Gareth Fenton, Richard Hardwick, Stephen Marwood & Julian Williams											
Weather:								GA Serial Number:		n/a											
Exploratory Hole No.	Date	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Water Depth (m bgl)	Base Depth (m bgl)	Water Level (mAOD)	Remarks
	Round	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
BH104R	-	-	-	-	-	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	14.60		Installation-depth of BH backfill material at 0.52mbgl
BH108R	-	-	-	-	-	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	11.70		Installation good condition
BH111	DRY	4.37	0.60	0.66	0.87	1.08	1.10	1.11	0.94	0.61	0.86	1.02	0.70	0.93	1.10	1.00		5.00			Purged dry (~8L). Installation good condition
BH118R	-	-	-	-	-	-	-	-	11.22	11.19	11.18	11.26	DAMP	DAMP	DAMP	DAMP		11.66			
BH120	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	2.50		
BH121R	-	-	-	-	-	-	-	-	DRY	13.34	13.42	13.40	13.35	13.38	13.41	13.43		14.80			
BHS123R	-	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	15.00		
BH126	DRY	4.23	2.55	2.14	3.60	3.99	4.00	4.08	3.55	3.46	3.63	3.63	3.09	3.57	3.85	3.64		5.20			
BHS128R	-	-	14.21	11.02	11.56	11.81	11.85	11.97	9.68	11.74	11.82	11.81	11.59	11.53	11.72	11.62		15.00			
BH136R	-	-	-	17.51	17.38	17.85	18.06	18.15	18.85	18.72	18.54	18.54	18.32	16.97	16.92	17.04		25.00			
BH137R	-	-	-	13.98	13.36	14.10	14.22	14.28	14.82	14.14	14.26	14.40	14.29	13.56	13.44	13.51		16.00			
BH139	-	-	3.85	3.47	DRY	DRY	DRY	DRY	1.84	DRY	DRY	DRY	DRY	DRY	DRY	DRY		5.50			
BH141	-	-	-	3.33	2.65	2.22	2.15	1.89	0.98	0.54	0.58	0.67	0.51	0.68	0.65	0.66		9.00			Purged to 8.54m bgl (1800hrs) dipped 3.96m (1854hrs)
BH144	-	DRY	DRY	DRY	DRY	DRY	DRY	17.74	15.73	13.71	11.78	11.39	11.10	10.59	10.21	10.41		19.00			
BH146	-	-	-	0.47	0.58	0.64	0.71	0.70	0.20	0.45	0.63	0.57	0.42	0.54	0.62	0.64		3.90			Purged to 1.00m, dipped 0.63 after 5 minutes. Location in waterlogged field.
BH172	-	-	-	8.16	2.48	0.97	0.93	0.97	0.36	0.61	0.69	1.66	0.66	0.76	0.79	0.78		10.00			Purged to 3.74m (1745hrs), rising to 3.55m (1905hrs)
BH174	-	-	-	0.34	0.45	0.56	0.60	0.64	0.20	0.20	0.25	0.43	0.20	0.38	0.43	0.40		14.00			Purged to 1.42m (1817hrs), rising to 1.17m (1852hrs)
BH175	-	-	-	18.86	18.26	16.32	15.80	10.73	13.70	0.59	0.91	1.03	0.86	0.90	0.92	0.91		19.00			Piezometer purged by bailer to 15.61m (1825hrs), rising to 3.14m (1850hrs)
BH177	-	-	-	-	-	-	-	-	13.34	DRY	DRY	DRY	DRY	DRY	DRY	13.35	13.34	13.36			