

SOAKAGE TESTING AND GROUNDWATER MONITORING

AT

WAYSIDE, EASTERGATE LANE

FOR

RICHARD SMITH

G6483

10 May 2022



Ground Management Ltd
Civil and Geotechnical Engineering Services

DOCUMENT CONTROL

Report Title: Soakage Testing and Groundwater Monitoring
Wayside, Eastergate Lane

Report No./ Issue: G6483-02

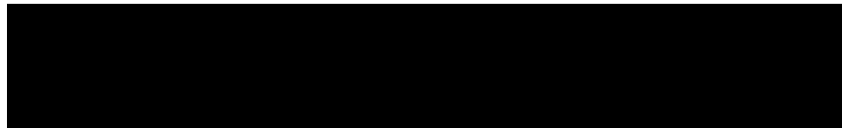
Report Status: Issued for Client Comment

Distribution: Richard Smith PDF copy 10 May 2022
Bright Plan Civils

Prepared by: Alistair Tyler BSc MSc DIC CEng MICE

Signed:

Ground Management Ltd Robin Hill Farm Clay Lane Fishbourne Chichester West Sussex PO18 8AB



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Soakage Test Results

Groundwater Monitoring Observations

1.0 INTRODUCTION

- 1.1 Ground Management Ltd (GML) have installed groundwater monitoring and conducted large scale soakage testing at Wayside, Eastergate Lane to collect information on ground and groundwater conditions to inform drainage design for proposed development of the site.
- 1.2 This report provides a record of the investigation and the findings in the form of site plans, exploratory hole logs, test results and monitoring observation records.
- 1.3 Recommendations are based on the conditions revealed by the investigation. Should the proposed development change or ground conditions be found to vary from those previously revealed they should be reported to a geotechnical engineer to consider the significance.
- 1.4 The work was carried out on behalf of Richard Smith with instructions from Bright Plan Civils and nothing in this report confers or purports to confer on any third party, any benefit or any right to enforce any term of this report pursuant to the Contract (Rights of Third Parties) Act 1999.

2.0 PROPOSED DEVELOPMENT

- 2.1 The proposed residential development on land south of Wayside, comprises four detached houses with new access road and other ancillary works as detailed on plans by Concept World Ltd, an extract of which is included as Figure 3.

3.0 GENERAL DESCRIPTION OF SITE AND SURROUNDING AREA

- 3.1 The site is located on the southern side of Eastergate Lane as indicated on Figure 1. The National Grid Reference for the site is SU 94806 06014 approximately and the postcode is PO20 3SJ.
- 3.2 The site comprises the southern end of the garden and part of an apple orchard on land to the south of Wayside. The existing layout and ground levels are indicated on the topographic survey included as Figure 2.
- 3.3 Open fields lie to the west and south of the site. To the east are industrial units and a small wooded area with some large mature trees along the eastern edge of the site.

4.0 GEOLOGY

- 4.1 The 1:50,000 British Geological Survey of England and Wales Sheet 317/332 "Chichester and Bognor" dated 1996 indicates the site to be underlain by Head Gravel over London Clay.
- 4.2 Aeolian Deposits (Brickearth), typically silty clay, are shown extensively to the south.
- 4.3 The solid geology is indicated to have a southerly dip towards the Chichester Syncline that runs east to west approximately 2km south of the site. The older underlying Reading Formation is shown to be present 200m to the north.

5.0 DETAILS OF THE GROUND INVESTIGATION

- 5.1 Fieldwork commenced on 22 December 2022 with the excavation of two boreholes, referenced as BH1 and BH2, at the locations indicated on the attached Figure 3 using handheld window sampling equipment.
- 5.2 BH1 extended to a depth of 3m and BH2 to a depth of 4m. The boreholes allowed examination of the ground profile and on completion 19mm diameter standpipes were installed to the base of each hole. Groundwater monitoring was carried out with the assistance of the Client.
- 5.3 Following review of the information gathered from the boreholes, including initial groundwater monitoring, the scope of soakage testing was agreed with the Bright Plan Civils.
- 5.4 On 25 March 2022 a return visit was made to excavate three trial pits referenced TP1, TP2 and TP3, to conduct soakage testing in accordance with BRE365, including three fills of the test pits. The testing was concluded the following day and the pits subsequently backfilled.

6.0 GROUND AND GROUNDWATER CONDITIONS

- 6.1 Descriptions of the soils encountered are presented on the attached exploratory hole logs. The findings can be summarised as follows:

Strata	Thickness (m)	Depth to base of strata (m bgl)
TOPSOIL	0.2 - 0.25	0.2 - 0.25
Firm and soft to firm silty CLAY Becoming stiff with depth. Occasional gravel	0.2 - 1.15	0.4 - 1.4
Silty CLAY with much flint gravel	0.6 – 0.8	1.65 – 2.1
Well graded flint GRAVEL with much silt to gravel size chalk	> 1.0 – 1.9	> 3.0 - > 4.0

- 6.2 Groundwater was not encountered during excavation of any of the exploratory holes. Subsequent monitoring of the installed standpipes recorded a rise and fall of groundwater level within the deeper borehole, BH2, during January 2022; otherwise the standpipes recorded dry to the base (* see note). The highest observed groundwater levels was of 3.37m below ground level (12.53m AOD) in BH2. A copy of the monitoring records up to 7/4/22 are appended.

* Note: Standpipes can trap a small amount of water at the base and this may be recorded during monitoring. A dip within 20mm of the base indicates groundwater at or below the base of the borehole.

- 6.3 The soakage test results for trial pits TP1 to TP3 are appended and a summary is presented in the table below.

Trial Pit	Pit Dimensions LxWxD (metres)	Test No.	Water Level at start of test (mm below ground level)	Duration of test (mins)	Fall of water level during test (mm)	Infiltration Coefficient (m/s) (see note)
TP1	0.3 x 1.3 x 1.05	1	210	1035	825	1.4×10^{-4}
		2	130	970	840	7.5×10^{-5}
		3	145	990	845	4.71×10^{-5}
TP2	0.3 x 1.7 x 2.1	1	715	260	1080	9.86×10^{-6}
		2	640	198	1060	4.59×10^{-6}
		3	710	642	1170	5.38×10^{-6}
TP3	0.3 x 1.0 x 0.65	1	140	7	470	3.6×10^{-4}
		2	205	10	415	2.35×10^{-4}
		3	60	17	590	1.73×10^{-4}

7.0 DISCUSSION AND RECOMMENDATIONS

7.1 Ground and groundwater conditions

7.1.1 The ground conditions revealed by this investigation generally confirm the anticipated geology of Head Gravel together with near surface possible Aeolian Deposits (Brickearth) comprising a silty clay, that are mapped across areas around the site. The investigation was of insufficient depth to encounter the underlying London Clay.

7.1.2 During the monitoring period the groundwater was recorded to fluctuate in response to rain and the highest recorded level was 3.37m bgl in borehole BH2. Levels were not recorded above the base in BH1 (3.05m bgl).

7.1.3 It should be assumed that there will be seasonal variation of the groundwater level and it should be expected to rise in response to rain. The standpipes will allow ongoing monitoring of the groundwater levels to investigate these effects.

7.2 Drainage

7.2.1 The results of the infiltration testing indicate significant variability in permeability. Preliminary design of infiltration drainage should adopt conservative values for infiltration coefficients from the results that ranged between 2.35×10^{-4} m/s and 4.59×10^{-6} m/s depending on location and depth.

7.2.2 It is recommended that confirmatory tests are carried out if soakaways are located in areas where ground conditions are found to vary significantly from those tested.

7.2.3 The groundwater level monitoring will assist the drainage designer to establish an appropriate maximum depth for soakaways.

7.3 Underground Services

7.3.1 All available information on the location of underground services should be gathered prior to further excavation of the site.

7.3.2 Any redundant drainage pipework and chambers should be removed or properly filled / grouted.

- 7.3.3 The presence of land drains should be anticipated and where encountered during excavation and construction they should be diverted around the works to ensure their continued performance.

Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm, Clay Lane, Fishbourne
CHICHESTER, West Sussex PO18 8AB
Phone/Fax: 01243 575073

PROJECT NO: G6483

FIGURE REF: Figure 1

PROJECT: Wayside, Eastergate Lane, Eastergate

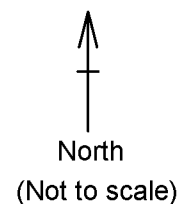
PREPARED: AJHT

SECTION: Groundwater Monitoring and Soakage Testing

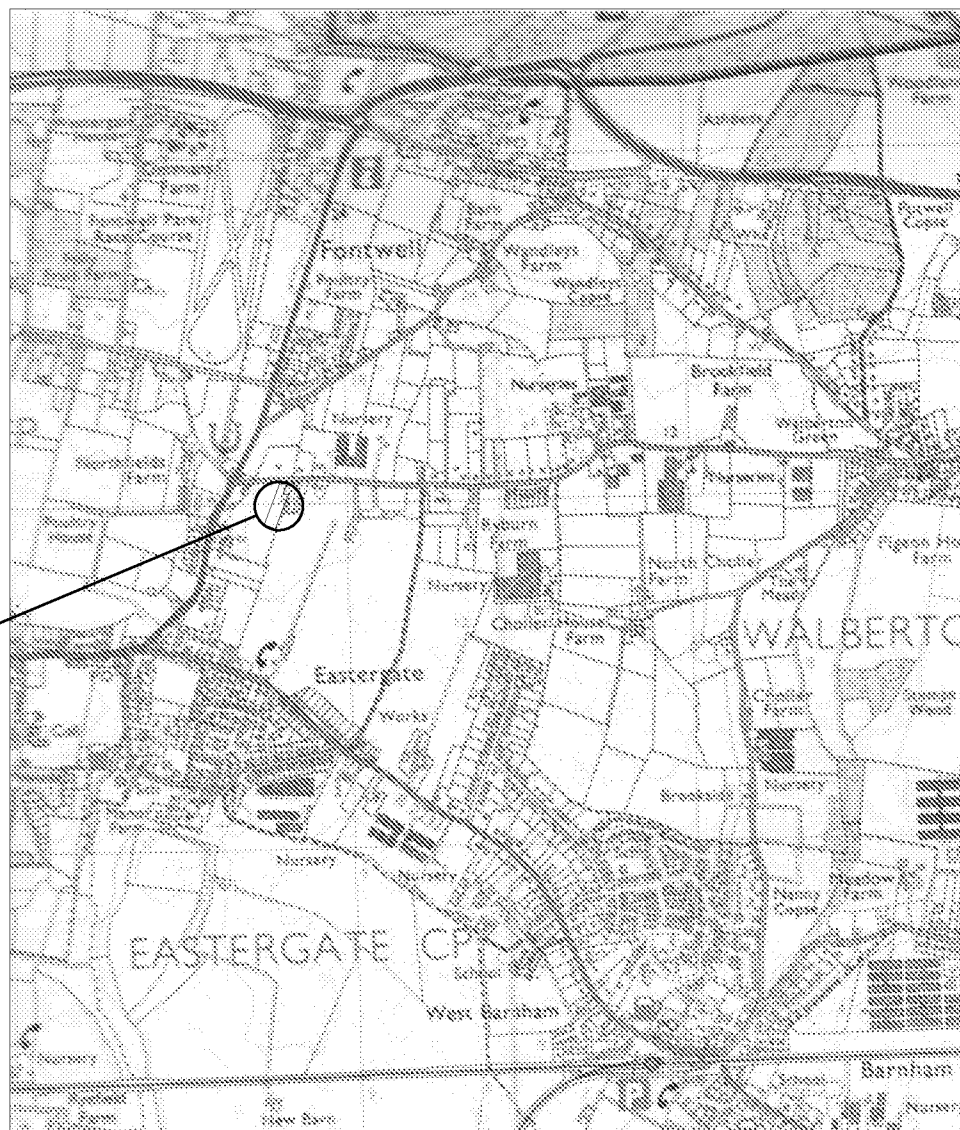
CHECKED: AJHT

TITLE: Site Location Plan

DATE: December 2021



Site
Location



Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm, Clay Lane, Fishbourne
CHICHESTER, West Sussex PO18 8AB
Phone/Fax 01243 575073

PROJECT NO: G6483

FIGURE REF: Figure 2

PROJECT: Wayside, Eastergate Lane, Eastergate

PREPARED: AJHT

SECTION: Groundwater Monitoring and Soakage Testing

CHECKED: AJHT

TITLE: Existing Site Layout

DATE: December 2021



Ground Management Ltd

Civil and Geotechnical Engineering Services

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CHICHESTER, West Sussex PO18 8AB
Phone/Fax: 01243 575073

PROJECT NO: G6483

FIGURE REF: Figure 3

PROJECT: Wayside, Eastergate Lane, Eastergate

PREPARED: AJHT

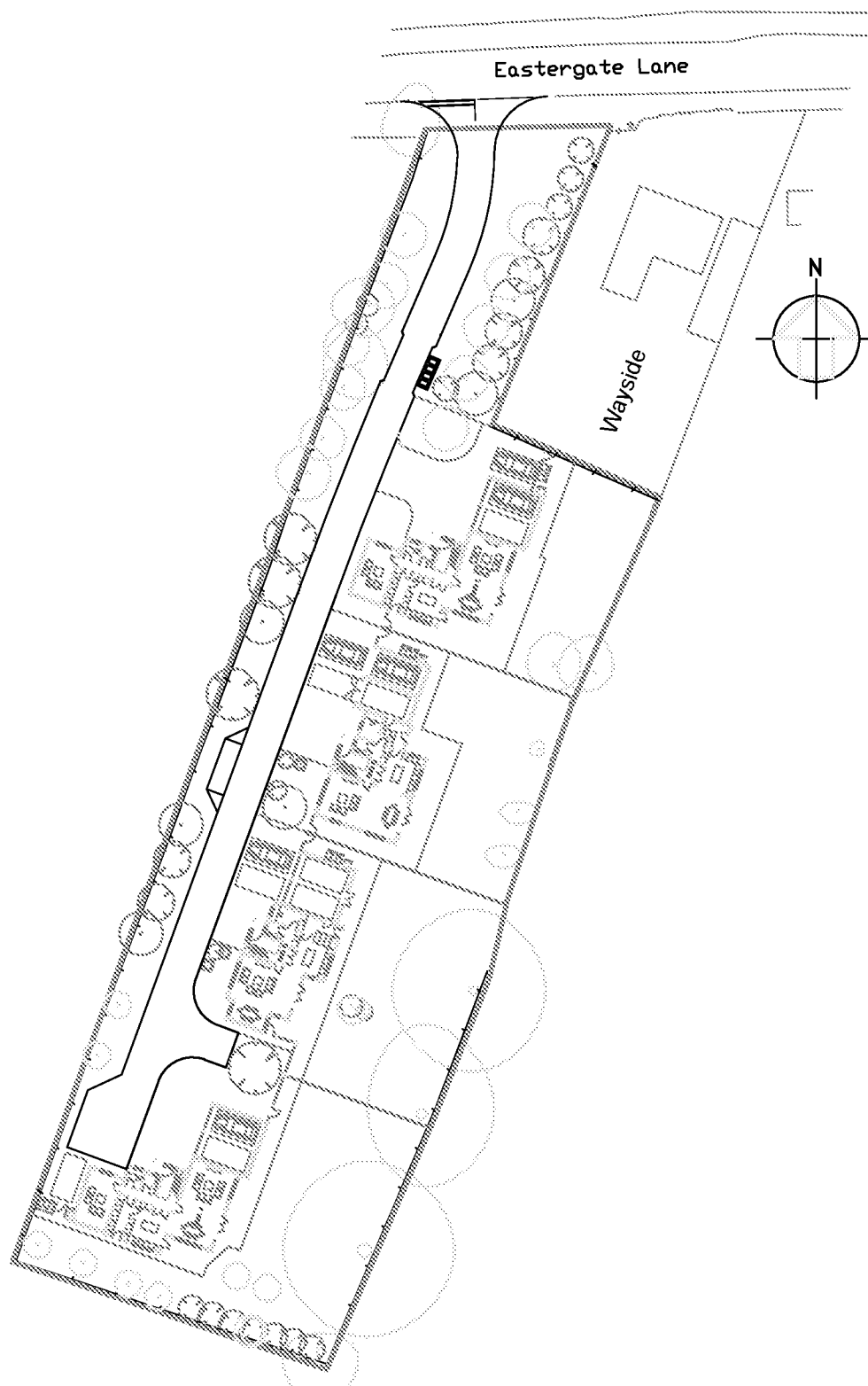
SECTION: Groundwater Monitoring and Soakage Testing

CHECKED: AJHT

TITLE: Proposed Development

DATE: March 2022

HOLE LOCATIONS ARE INDICATIVE ONLY UNLESS DIMENSIONED



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CHICHESTER, West Sussex PO18 8AB
Phone/Fax: 01243 575073

PROJECT NO: G6483

FIGURE REF: Figure 4

PROJECT: Wayside, Eastergate Lane, Eastergate

PREPARED: AJHT

SECTION: Groundwater Monitoring and Soakage Testing

CHECKED: AJHT

TITLE: Exploratory Hole Location Plan

DATE: March 2022

HOLE LOCATIONS ARE INDICATIVE ONLY UNLESS DIMENSIONED



Based on plan supplied by Client - December 2021

Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm Clay Lane Fishbourne
CHICHESTER West Sussex PO18 8AP

Site

Wayside, Eastergate Lane PO20 3SJ

Number
BH1

Excavation Method Handheld window sampler	Dimensions 80mm to 1.10m 60mm to 2.00m 50mm to 3.00m	Ground Level (mOD)	Client Richard Smith	Job Number G6483
	Location See Location Plan	Dates 22/12/2021	Engineer Bright Plan Civils	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
			HV at 0.5m : 40, 40, 45 kPa		0.25	Grass over moist dark brown slightly sandy (fine) slightly clayey silt TOPSOIL with a little subangular flint gravel (mainly medium). Some roots up to 3mm dia. ... with some coarse subangular to subrounded flint gravel below 1.5m		
			HV at 0.9m : 85, 110, 125 kPa		(1.15)	Soft to firm becoming firm orange brown silty CLAY. Occasional root up to 5mm dia. ... stiff below 0.9m		
			HV at 1.4m : unable to pen		1.40	Stiff orange brown silty CLAY with much coarse medium and fine subangular flint gravel		
					(0.60)			
					2.00	Well graded coarse medium and fine subangular flint GRAVEL with much cream chalk silt and fine chalk gravel		
					(1.00)			
					3.00	Complete at 3.00m		

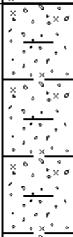
Remarks

Borehole remained stable and open during excavation
Groundwater was not encountered
19mm dia. standpipe installed to 3.0m - 2.5m slotted with geosoc, 0.5m plain with bentonite pellet seal

Scale (approx)
1:25

Logged By
AT

Figure No.
G6483.BH1

Ground Management Ltd Civil and Geotechnical Engineering Services				Robin Hill Farm, Clay Lane, Fishbourne CHICHESTER, West Sussex, PO18 8AB		Site Wayside, Eastergate Lane PO20 3SJ		Number BH2	
Excavation Method Handheld window sampler		Dimensions 80mm to 1.10m 50 / 60 to 3.00m 40mm to 4.00m		Ground Level (mOD)		Client Richard Smith		Job Number G6483	
		Location See Location Plan		Dates 22/12/2021		Engineer Bright Plan Civils		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					(0.20) 0.20	Grass over moist dark brown slightly sandy (fine) slightly clayey silt TOPSOIL with a little coarse medium and fine subangular flint gravel Firm becoming stiff orange brown silty CLAY. Occasional root up to 5mm dia.			
					(1.10)	... with a little coarse medium and fine subangular flint gravel below 0.6m ... increasing stiffness with depth			
					1.30 (0.80)	Orange brown well graded coarse medium and fine subangular flint GRAVEL with much silty clay			
					2.10 (1.90)	Compact cream well graded coarse medium and fine subangular flint GRAVEL with some silt to fine gravel size chalk			
					4.00	Complete at 4.00m			
Remarks Borehole remained stable and open during excavation Groundwater was not encountered 19mm dia. standpipe installed to 3.0m - 2.5m slotted with geosoc, 1.5m plain with bentonite pellet seal							Scale (approx) 1:25	Logged By AT	
							Figure No. G6483.BH2		

Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm Clay Lane Fishbourne
CHICHESTER West Sussex PO18 8AB

Site

Vayside, Eastergate Lane PO20 3SJ

Trial Pit
Number
TP1

Excavation Method

Machine excavated using
Takeuchi TB216

Dimensions

0.3 x 1.3

Ground Level (mOD)

Location

See Location Plan

Dates

25/03/2022

Client

Richard Smith

Engineer

Bright Plan Civils

Job
Number
G6483

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over moist orange brown slightly sandy (fine) slightly clayey silt TOPSOIL		
					(0.20) 0.20	Firm orange brown silty CLAY with occasional coarse medium and fine subangular flint gravel		
					(0.70)			
					0.90 (0.15) 1.05	Medium dense orange brown well graded coarse medium and fine angular to subangular flint GRAVEL with much slightly sandy silty clay		
						Complete at 1.05m		

Plan

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Remarks

Pit sides remained stable and vertical during excavation
Groundwater was not encountered

Scale (approx)

1:25

Logged By

AT

Figure No.

G6483.TP1

Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm Clay Lane Fishbourne
CHICHESTER West Sussex PO18 8AB

Site

Wayside, Eastergate Lane PO20 3SJ

**Trial Pit
Number
TP2**

Excavation Method

Machine excavated using
Takeuchi TB216

Dimensions

0.3 x 1.7

Location

See Location Plan

Dates

25/03/2022

Client

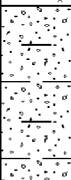
Richard Smith

Engineer

Bright Plan Civils

**Job
Number
G6483**

**Sheet
1/1**

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over moist brown and orange brown slightly sandy (fine) slightly clayey silt TOPSOIL		
					(0.20) 0.20	Firm orange brown silty CLAY with occasional coarse medium and fine subangular flint gravel		
					(0.85)			
					1.05	Medium dense orange brown well graded coarse medium and fine angular to subangular flint GRAVEL with much slightly sandy silty clay		
					(0.60)			
					1.65	... stratum extended to 1.8m at west end of pit		
					(0.45)	Medium dense well graded, mainly coarse and medium, angular to subangular flint GRAVEL with much cream friable silt to fine gravel size chalk		
					2.10	Complete at 2.10m		

Plan

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Remarks

Pit sides remained stable and vertical during excavation
Groundwater was not encountered

Scale (approx)

1:25

Logged By

AT

Figure No.

G6483.TP2

Ground Management Ltd

Civil and Geotechnical Engineering Services

Robin Hill Farm, Clay Lane, Fishbourne
CHICHESTER, West Sussex, PO18 8AB

Site

[REDACTED], Eastergate Lane PO20 3SJ

Trial Pit
Number
TP3

Excavation Method Machine excavated using Takeuchi TB216	Dimensions 0.3 x 1.0	Ground Level (mOD)	Client Richard Smith	Job Number G6483
	Location See Location Plan	Dates 25/03/2022	Engineer Bright Plan Civils	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over moist brown slightly sandy (fine) slightly clayey silt TOPSOIL with occasional coarse medium and fine subangular flint gravel		
					(0.20)			
					0.20			
					(0.20)	Firm orange brown silty CLAY with occasional coarse medium and fine subangular flint gravel		
					0.40			
					(0.25)	Medium dense orange brown well graded coarse medium and fine angular to subangular flint GRAVEL with much slightly sandy silty clay		
					0.65			
						Complete at 0.65m		

Plan 	Remarks Pit sides remained stable and vertical during excavation Groundwater was not encountered						
Scale (approx) 1:25			Logged By AT		Figure No. G6483.TP3		

G6483 Wayside Eastergate Lane Soakage Test

TP1 Test 1

Test Start Date: 25-Mar-22

Dimensions (m):

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length = 1.30

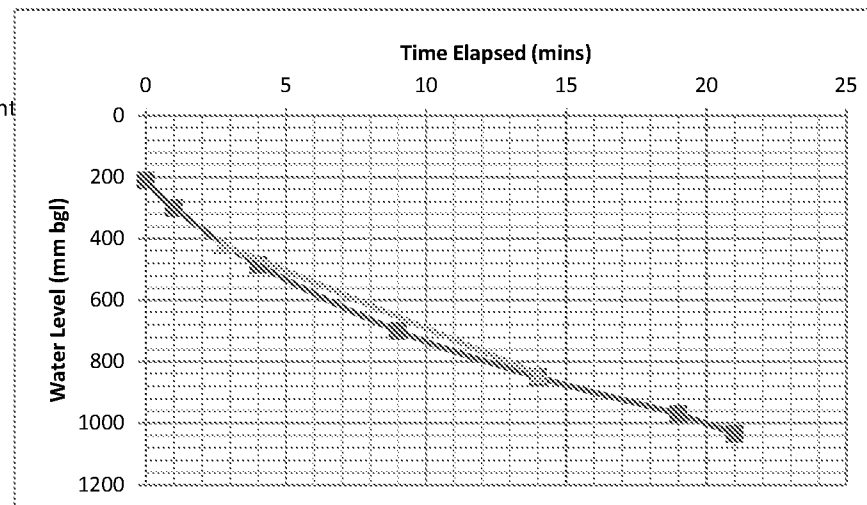
depth = 1.05

[illegible]

End Fit

Weather

Dry & Bright



		Time (mins)
t0	210	
t25	420	2.75
t50	630	
t75	840	14
t100 (BH1)	1050	
	fall	0.84
	t25 - t75	0.42
	Area t50	1.734

Infiltration Coefficient = 0.00014 m/s

G6483 Wayside Eastergate Lane
Soakage Test

TP1 Test 2

Test Start Date: 25-Mar-22

Dimensions (m):

```
width = 0.30
```

length = 1.30

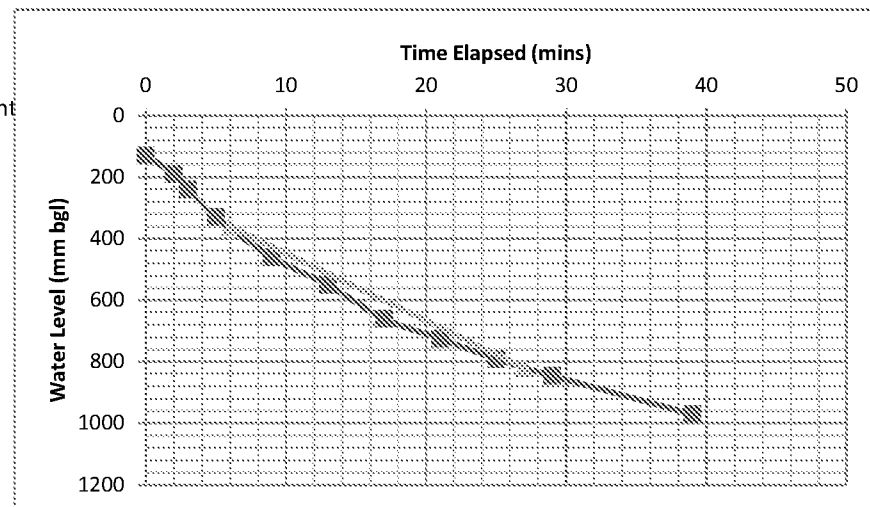
depth = 1.05

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End Fit

Weather

Dry & Bright



	Time (mins)	
t0	130	
t25	360	6
t50	590	
t75	820	27
t100 (BH1)	1050	
	fall	0.92
	t25 - t75	0.46
	Area t50	1.862

Infiltration Coefficient = 7.65E-05 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP1 Test 3

Test Start Date: 25-Mar-22

Dimensions (m):

```
width = 0.30
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length = 1.30

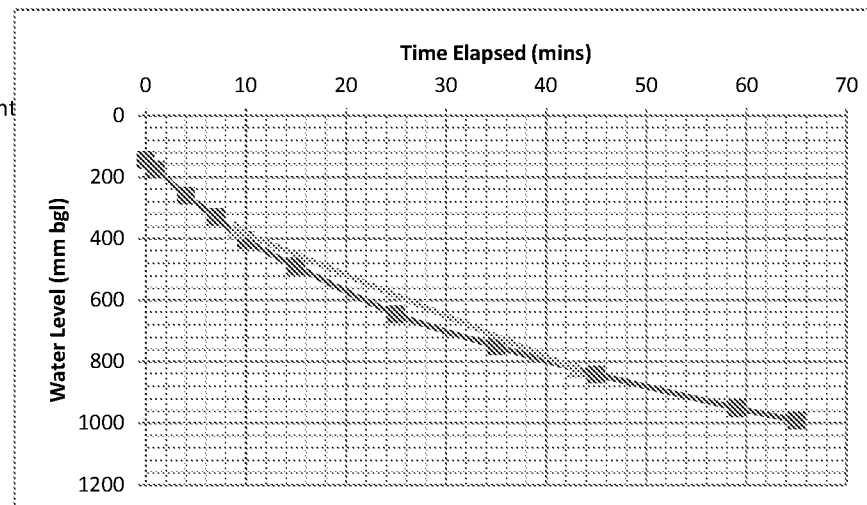
depth = 1.05

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End Fit

Weather

Dry & Bright



		Time (mins)
t0	145	
t25	371.25	9
t50	597.5	
t75	823.75	43
t100 (BH1)	1050	
	fall	0.905
	t25 - t75	0.4525
	Area t50	1.838

Infiltration Coefficient = 4.71E-05 m/s

G6483 Wayside Eastergate Lane
Soakage Test

TP2 Test 1

Test Start Date: 25-Mar-22

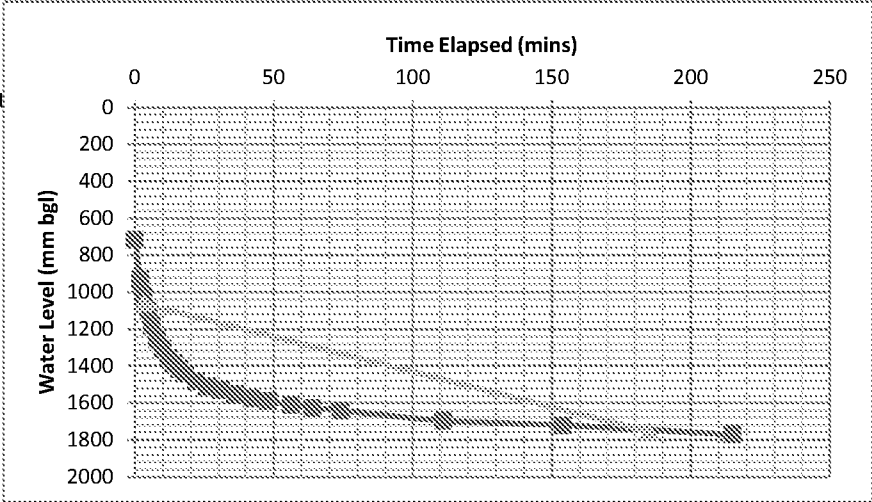
Dimensions (m): width = 0.30 length = 1.70 depth = 2.10

Date	Time	Date and time	Elapsed	Dip
25/03/2022	12:29	25/03/2022 12:29	start	dry
25/03/2022	12:32	25/03/2022 12:32	0	715
25/03/2022	12:34	25/03/2022 12:34	2	930
25/03/2022	12:35	25/03/2022 12:35	3	1020
25/03/2022	12:37	25/03/2022 12:37	5	1100
25/03/2022	12:38	25/03/2022 12:38	6	1180
25/03/2022	12:40	25/03/2022 12:40	8	1255
25/03/2022	12:42	25/03/2022 12:42	10	1305
25/03/2022	12:44	25/03/2022 12:44	12	1355
25/03/2022	12:46	25/03/2022 12:46	14	1385
25/03/2022	12:48	25/03/2022 12:48	16	1415
25/03/2022	12:50	25/03/2022 12:50	18	1440
25/03/2022	12:54	25/03/2022 12:54	22	1480
25/03/2022	12:58	25/03/2022 12:58	26	1510
25/03/2022	13:03	25/03/2022 13:03	31	1530
25/03/2022	13:08	25/03/2022 13:08	36	1550
25/03/2022	13:14	25/03/2022 13:14	42	1575
25/03/2022	13:20	25/03/2022 13:20	48	1590
25/03/2022	13:28	25/03/2022 13:28	56	1610
25/03/2022	13:36	25/03/2022 13:36	64	1625
25/03/2022	13:46	25/03/2022 13:46	74	1640
25/03/2022	14:23	25/03/2022 14:23	111	1695
25/03/2022	15:06	25/03/2022 15:06	154	1720
25/03/2022	16:07	25/03/2022 16:07	215	1770
25/03/2022	16:52	25/03/2022 16:52	260	1795

End Fit

Weather

Dry & Bright



	Time (mins)	
t0	715	
t25	1061.25	3
t50	1407.5	
t75	1753.75	185
t100 (BH1)	2100	
fall		1.385
t25 - t75		0.6925
Area t50		3.28

Infiltration Coefficient = 9.86E-06 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP2 Test 2

Test Start Date: 25-Mar-22

Dimensions (m):

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width = 0.30
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length = 1.70

depth = 2.10

[illegible]

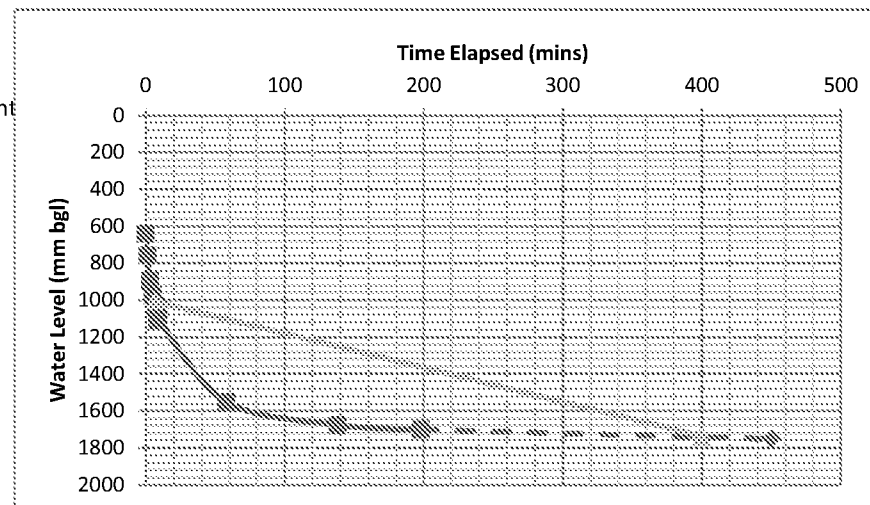
End Fit

|Weather

Dry & Bright

1700

1750 Projected



		Time (mins)
t0	640	
t25	1005	6
t50	1370	
t75	1735	400
t100 (BH1)	2100	
	fall	1.46
	t25 - t75	0.73
	Area t50	3.43

Infiltration Coefficient = 4.59E-06 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP2 Test 3

Test Start Date: 26-Mar-22

Dimensions (m):

width = 0.30

length = 1.70

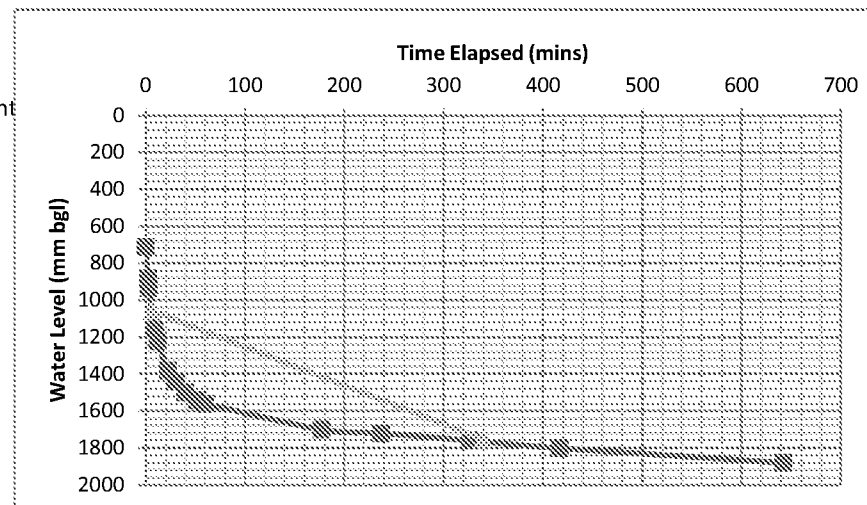
depth = 2.10

[illegible]

End Fit

Weather

Dry & Bright



		Time (mins)
t0	710	
t25	1057.5	6
t50	1405	
t75	1752.5	340
t100 (BH1)	2100	
	fall	1.39
	t25 - t75	0.695
	Area t50	3.29

Infiltration Coefficient = 5.38E-06 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP3 Test 1

Test Start Date: 25-Mar-22

Dimensions (m):

width = 0.30

length = 1.00

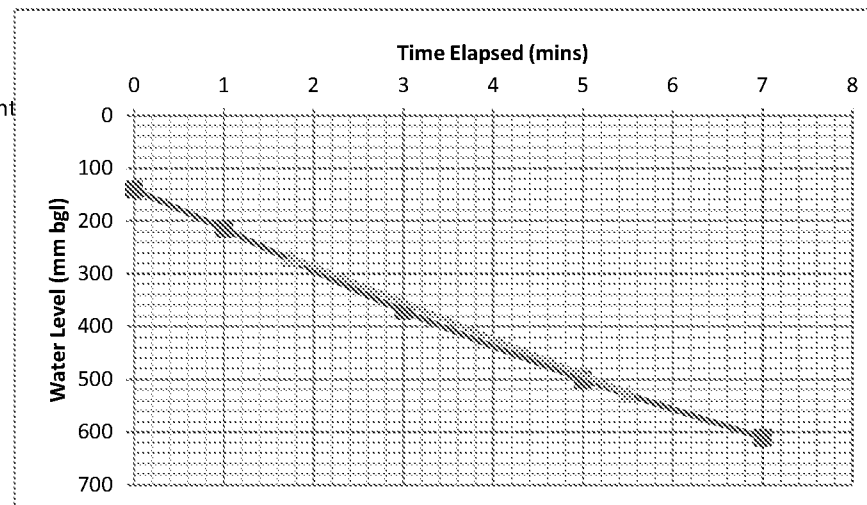
depth = 0.65

[illegible]

End Fit

Weather

Dry & Bright



	Time (mins)	
t0	140	
t25	268.75	1.75
t50	397.5	
t75	526.25	5.5
t100 (BH1)	655	
	fall	0.515
	t25 - t75	0.2575
	Area t50	0.9565

Infiltration Coefficient = 0.000359 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP3 Test 2

Test Start Date: 25-Mar-22

Dimensions (m):

```
width = 0.30
```

length = 1.00

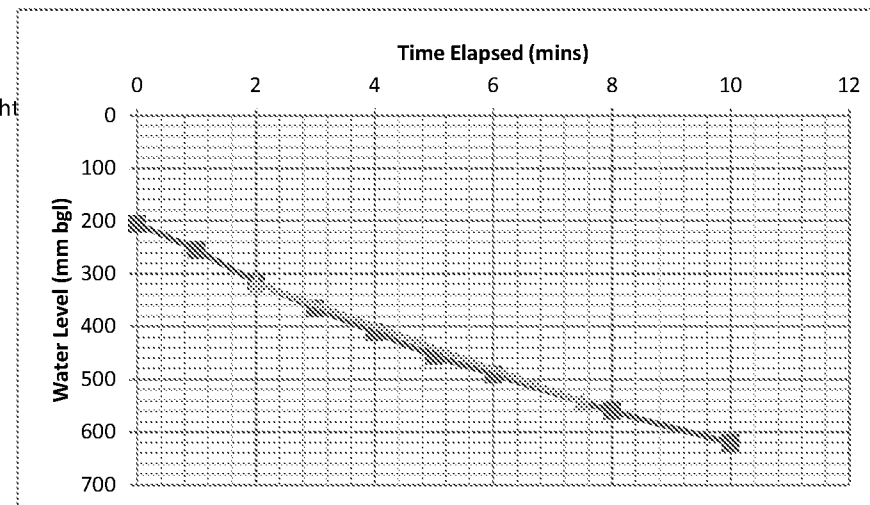
depth = 0.65

[illegible]

End Fit

|Weather

Dry & Bright



	Time (mins)	
t0	205	
t25	317.5	2
t50	430	
t75	542.5	7.5
t100 (BH1)	655	
	fall	0.45
	t25 - t75	0.225
	Area t50	0.872

Infiltration Coefficient = 0.000235 m/s

G6483 Wayside Eastergate Lane Soakage Test

TP3 Test 3

Test Start Date: 25-Mar-22

Dimensions (m):

width = 0.30

length = 1.00

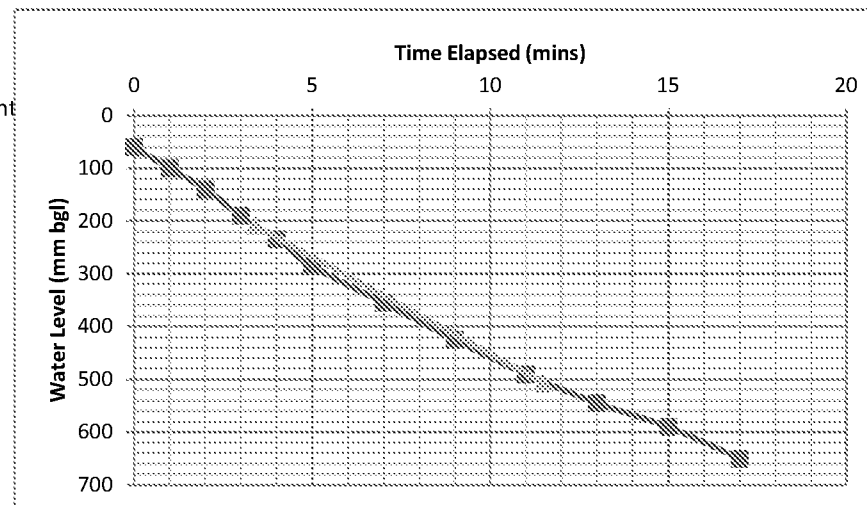
depth = 0.65

[illegible]

End Fit

Weather

Dry & Bright



		Time (mins)
t0	60	
t25	208.75	3.4
t50	357.5	
t75	506.25	11.5
t100 (BH1)	655	
	fall	0.595
	t25 - t75	0.2975
	Area t50	1.0605

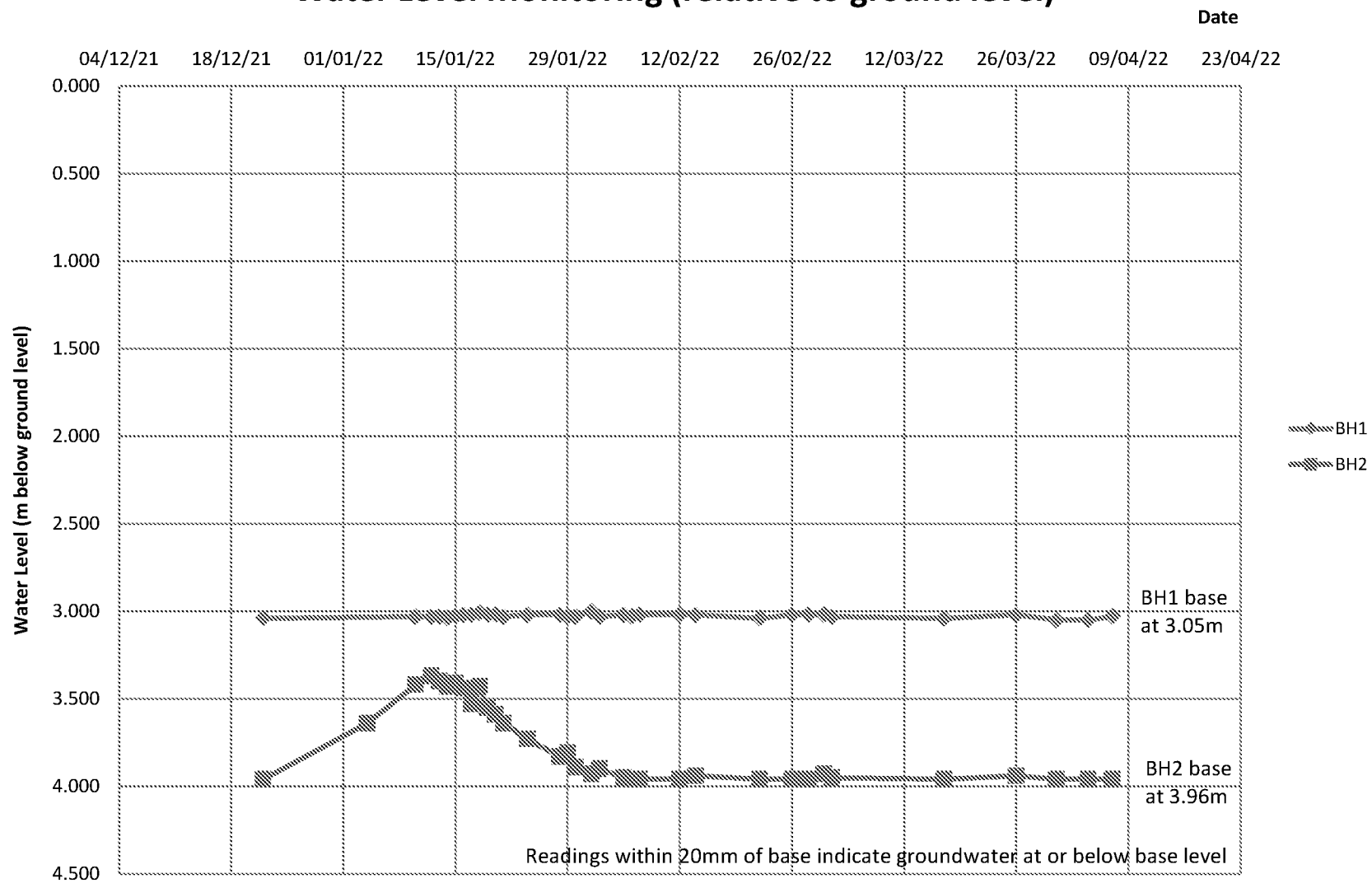
Infiltration Coefficient = 0.000173 m/s

		BH1	BH2				
Upstand (m)		0.370	0.450				
Ground Level (mAOD)		16.000	15.900				
Cover level (mAOD)		16.370	16.350				
Base dip (m)		3.410	4.410				

Ground levels estimated by reference to Sloane and Brown drg dated July 2021

	Dip from top of standpipe cover						Water level below ground level (m)						Water level (mAOD)								
Date	BH1	BH2					BH1	BH2					BH1	BH2				Weather			
22/12/21	dry	dry					3.040	3.960													
04/01/22	dry	4.09						3.640						12.260							
10/01/22		3.4					3.030	3.420					12.970	12.480				occ light rain			
12/01/22		3.4					3.030	3.370					12.970	12.530				drizzle			
13/01/22		3.4					3.030	3.400					12.970	12.500				dry			
14/01/22		3.41					3.040	3.430					12.960	12.470				dry			
15/01/22		3.4					3.030	3.410					12.970	12.490				dry			
16/01/22		3.39					3.020	3.440					12.980	12.460				dry			
17/01/22		3.39					3.020	3.530					12.980	12.370				dry			
18/01/22		3.38					3.010	3.430					12.990	12.470				dry			
19/01/22		3.39					3.020	3.550					12.980	12.350				dry			
20/01/22		3.39					3.020	3.590					12.980	12.310				dry			
21/01/22		3.4					3.030	3.640					12.970	12.260				dry			
24/01/22		3.39					3.020	3.730					12.980	12.170				dry - damp			
28/01/22		3.39					3.020	3.830					12.980	12.070				dry			
29/01/22		3.4					3.030	3.810					12.970	12.090				rain at night - dry			
30/01/22		3.4					3.030	3.890					12.970	12.010				dry & cold			
01/02/22		3.37					3.000	3.930					13.000	11.970				dry & cold			
02/02/22		3.4					3.030	3.900					12.970	12.000				dry & cold			
05/02/22		3.39					3.020	3.950					12.980	11.950				rain on 3/2			
06/02/22		3.4					3.030	3.960					12.970	11.940				rained in night - dry			
07/02/22		3.39					3.020	3.960					12.980	11.940				dry			
12/02/22		3.39					3.020	3.960					12.980	11.940				bright			
14/02/22		3.39					3.020	3.940					12.980	11.960				dry			
22/02/22		3.41					3.040	3.960					12.960	11.940							
26/02/22		3.39					3.020	3.960					12.980	11.940				dry			
28/02/22		3.39					3.020	3.960					12.980	11.940				dry			
02/03/22		3.39					3.020	3.930					12.980	11.970				dry, light rain earlier			
03/03/22		3.4					3.030	3.950					12.970	11.950				dry			
17/03/22		3.41					3.040	3.960					12.960	11.940				dry - rain previous day			
26/03/22		3.39					3.020	3.940					12.980	11.960							
31/03/22		3.42					3.050	3.960					12.950	11.940				dry			
04/04/22		3.42					3.050	3.960					12.950	11.940				dry - light rain prev. night			
07/04/22		3.4					3.030	3.960					12.970	11.940				dry			

G6483 Wayside, Eastergate Lane Water Level Monitoring (relative to ground level)



G6483 Wayside, Eastergate Lane Water Level Monitoring (relative to Ordnance Datum)

