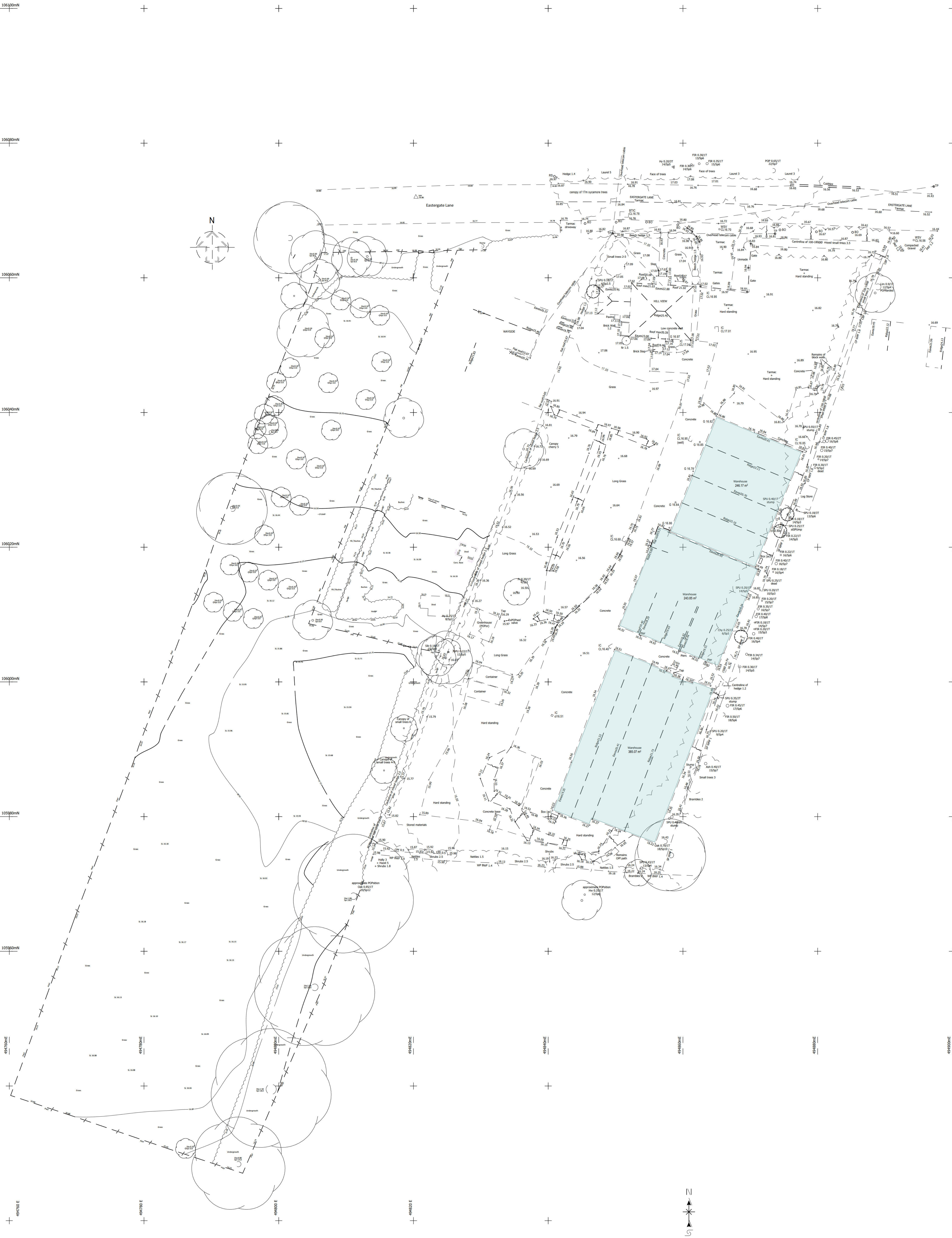


APPENDICES

Appendix A Symmetry Architecture Development Proposals



Appendix B Topographic Survey



PS	1805000	MR	For Submission
PS	2004000	MR	Eng. building area sheet updated
PS	2005000	MR	For Submission
Rev	Date	By	Description

www.symmetryarchitecture.co.uk
01420 800000
SA, Station Approach Broomstone Dorset BH48 8AX
01420 800000

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Appendix C Site Investigations & Groundwater Monitoring

Hill View, Eastergate Factual Letter Report

Date: 25/06/2025

Our Ref: 24.1172 Rev 1

Client: NJS Partnerships

FAO: Joe Shopland

Re: Hill View, Shallow Boreholes - Winter Groundwater Monitoring Rev 1

Introduction

In October 2024 Constructive Evaluation (CE) Limited was commissioned by NJS Partnerships (the Client) to carry out a Site Investigation at Hill View, Eastergate Lane, Eastergate, PO20 3SJ, hereafter referred to as the "site". The intent of this report is to present a factual summary of the site investigation and winter groundwater monitoring results.

Site Proposal

The plan proposes 10no. new residential properties with hardstanding driveways and soft landscaping.

The Scope of Works

The scope of works was specified by the Client to include two windowless sampling boreholes to a target depth of 6.0mbgl and a standpipe installation within each borehole for purposes of groundwater monitoring over a six-month period between October 2024 and March 2025.

Site Description

The subject site has an approximate grid reference of SU 94848 06047 and is rectangular in shape covering an approximate area of 0.5ha. The site is surrounded by residential properties, agricultural arable fields, woodland and nurseries. Ordnance Survey Maps 1:25000 of the area indicate surface elevations of between 15 and 16 metres above mean sea level (mamsl).

The site was accessed via a gated entrance from Eastergate Lane to the north of the site. Existing structures on the site include two residential properties, garages and storage areas for vehicles and equipment. Topography across the site is relatively level with heavy vegetation, hedging, mature trees and fencing forming the borders of the site. The majority of the site is covered in grass, with concrete surfacing to the south. Surface water was not present across the site and surrounding area.

An outline of the site boundaries is provided below:

- Northern Boundary – Eastergate Lane running east-west with stables and residential buildings occupy the land adjacent.
- Eastern Boundary – Fencing with hedging, heavy vegetation and mature trees.
- Southern Boundary – Small woodland with natural fields.
- Western Boundary – Natural fields with residential buildings leading to Fontwell Avenue.

The Site Location Plan is provided as Figure 1.

Site Investigation

The site investigation comprised the following:

- Two windowless sampling boreholes to a maximum depth of 6.0mbgl within BH1 and 5.0mbgl within BH2.

- Two standpipe installations within the boreholes for purposes of winter groundwater monitoring over a six month period between October 2024 and March 2025. The base of BH1 backfilled and the standpipe was installed to 5.40mbgl.

The Site Investigation Plan is provided within Figure 2. Table 1 provides a summary of BH1 and BH2.

Table 1: Summary of Encountered Soils

Material	Description	Min-Max Depth (mbgl)
Topsoil	Grass over brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular flint.	0.0 – 0.30
Head Deposits	Soft light brown CLAY. Soft to firm slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.	0.30 – 1.80
Head Deposits	Soft cream slightly sandy gravelly SILT. Sand is fine to coarse. Gravel is fine to coarse sub-angular to sub-rounded flint and very weak low density chalk.	1.80 – 6.00

The Site Photographs are presented within **Appendix A**, and the Stratigraphic Logs are presented within **Appendix B**.

Climate Summary

The Met Office Climate Summaries have been reviewed for rainfall information for the months covering the monitoring period (October 2024 – March 2025). October was drier than average, with the UK recording 103.5mm of rainfall, 84% of the long-term average. Some heavy showers and thunderstorms within the first week of October. The first half of November was dry, with only 6% of the long-term average rain falling by the 16th November. The second half of November saw increased rainfall, but only recording 68% of the month's average rainfall.

Storm Darragh brought significant disruption between the 6th and 8th December with prolonged spells of wind and rain. Rainfall was above average, provisionally recording 139.4mm of rainfall, 110% of the long-term average. Red warning issued within early January 2025 for Storm Isha, causing prolonged wind and rainfall across England. The middle of January has been predominately dry, with some light showers and snowfall across the south of England. Rainfall in the UK for January was below average with provisionally 79% of the long-term average recorded.

February started with little rainfall within the high-pressure system, however, it shifted mid-month as the weather became more unsettled. Overall, the rainfall was below average recording 72.7mm, approximately 76% of the long-term average February rainfall within the UK. The majority of weather within March has been settled dry conditions with some scattered showers within the beginning of the month.

Winter Groundwater Monitoring

The monitoring period extended from October 2024 to March 2025, monitoring once a month.

The table below summarises the results:

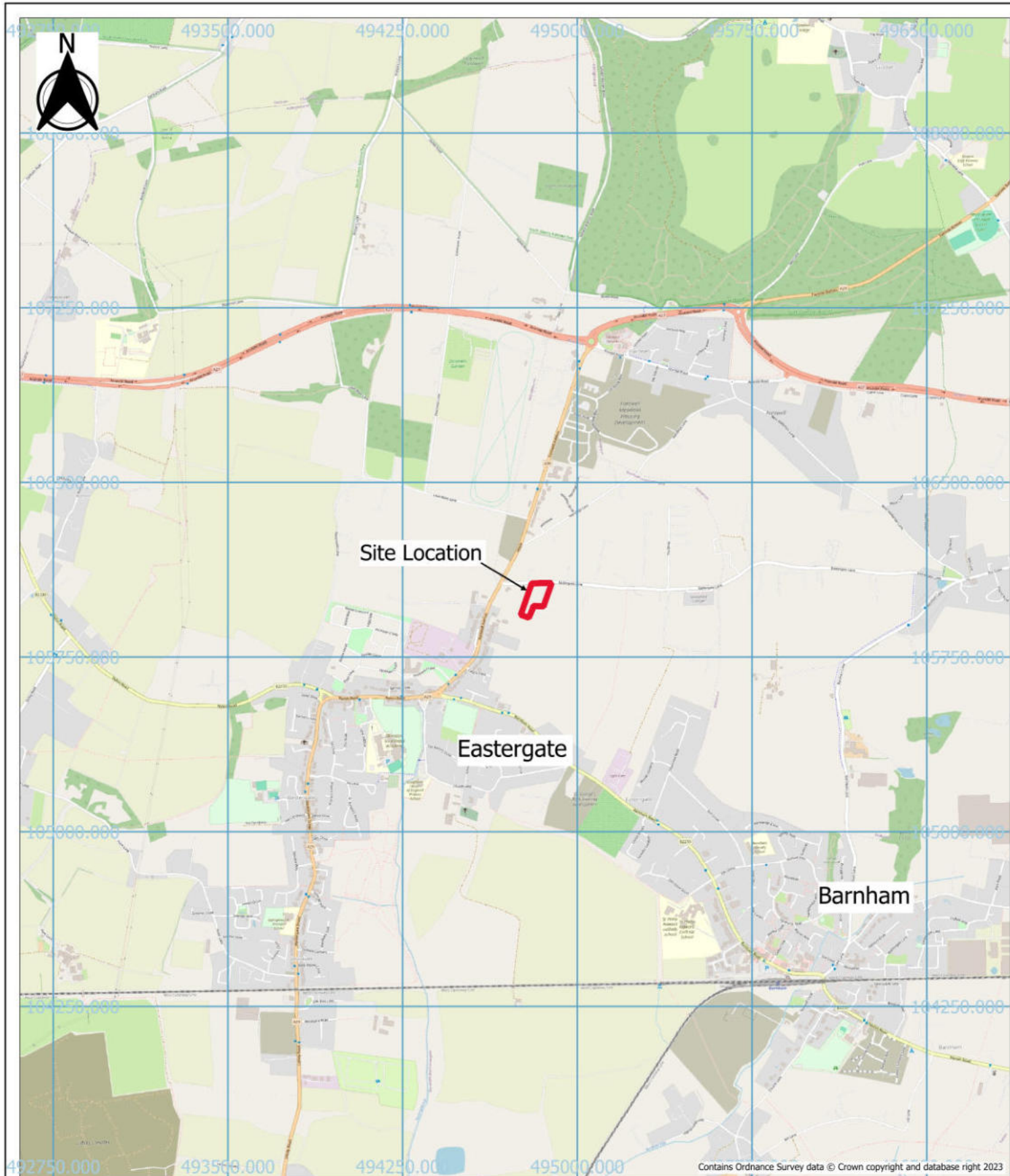
Date	BH1		BH2	
	Groundwater Level (mbgl)	Base of Borehole (mbgl)	Groundwater Level (mbgl)	Base of Borehole (mbgl)
31/10/2024	4.45	5.40	4.90	5.00
29/11/2024	4.12	5.40	4.38	5.00
19/12/2024	4.17	5.38	3.84	5.00
31/01/2025	3.95	5.38	3.57	5.00
28/02/2025	3.28	5.38	3.35	5.00
28/03/2025	3.65	5.38	3.72	5.00

We trust the above information meets your requirements and should you require any further clarification or assistance please do not hesitate to contact CE Ltd.

Kind regards,



Lee Saxton BSc FGS
Engineering Geologist
Constructive Evaluation Limited



Units 15 & 16, Ford Lane Business Park, Ford,
Arundel BN18 0UZ

Dimension m	Size A4	Geolocation 494851, 106027
----------------	------------	-------------------------------

Client	Shopland Developments
--------	-----------------------

Project	GI24.1172 - Hill View, Eastergate Lane, Eastergate, PO20 3SJ
---------	---

Title	Site Location Plan
-------	--------------------

Figure 1

Units 15 & 16, Ford Lane Business Park,
Ford, Arundel BN18 0UZ

Client Shopland Developments

Project GI24.1172 - Hill View, Eastergate
Lane, Eastergate, PO20 3SJ

Title Site Investigation Plan

Dimension m	Size A4	Geolocation 494851 , 106027
----------------	------------	--------------------------------

Legend

- Site Boundary
- Borehole with standpipe installation

0 2.5 5 7.5 m



Figure 2



Site Photographs

Project Ref: 24.1172

Site Name: Hill View, Eastergate Lane, Eastergate, PO20 3SJ

1.



2.



- 1) BH1 position
- 2) Site entrance looking south
- 3) BH1 1-2mbgl
- 4) BH1 2-3mbgl

3.



4.



Site Photographs

Project Ref: 24.1172

Site Name: Hill View, Eastergate Lane, Eastergate, PO20 3SJ

5.



6.



7.



8.



- 5) BH1 standpipe installation
- 6) BH2 position
- 7) BH2 standpipe installation
- 8) BH2 finished install with flush-cover



Borehole Log

Borehole No.

BH1

Sheet 1 of 1

Project Name: Hill View

Project No.
GI24.1172

Co-ords:

Hole Type
WLS

Location: Eastergate Lane, Eastergate, PO20 3SJ

Level:

Scale
1:31

Client: Shopland Developments

Dates: 29/10/2024

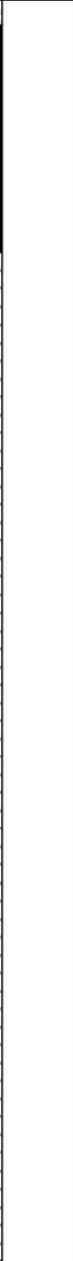
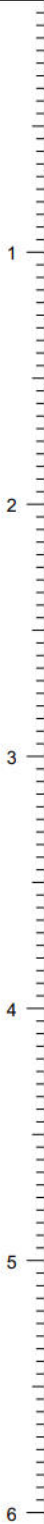
Logged By
LS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Grass over brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular flint. (TOPSOIL)	
								Soft light brown slightly sandy CLAY. Sand is fine to medium. (HEAD DEPOSITS)	1
					1.50			Soft brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse sub-angular to sub-rounded flint. (HEAD DEPOSITS)	
					2.00			Soft cream slightly sandy gravelly SILT. Sand is fine to coarse. Gravel is fine to coarse sub-angular to sub-rounded flint and very weak low density chalk. (HEAD DEPOSITS)	2
									3
									4
									5
					6.00			End of Borehole at 6.000m	6

Remarks

1. CAT scanned prior to manual excavation of trial inspection pit. 2. Groundwater was observed at 4.60mbgl. 3. Borehole completed at 6.0mbgl. 4. Borehole installed with standpipe and flush-cover finish.



 constructiveevaluation site investigation • building pathology				Borehole Log				Borehole No. BH2 Sheet 1 of 1	
Project Name: Hill View				Project No. GI24.1172		Co-ords:		Hole Type WLS	
Location: Eastergate Lane, Eastergate, PO20 3SJ				Level:		Scale 1:31		Logged By LS	
Client: Shopland Developments				Dates: 29/10/2024					
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Grass over brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular flint. (TOPSOIL)	
								Soft light brown CLAY.	
					0.90			Firm light brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-angular flint. (HEAD DEPOSITS)	
					1.80			Cream silty sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse sub-angular to sub-rounded flint and very weak low density chalk. (HEAD DEPOSITS)	
					5.00			End of Borehole at 5.000m	
Remarks 1. CAT scanned prior to manual excavation of trial inspection pit. 2. No groundwater was observed. 3. Borehole was terminated at 5.0mbgl due to refusal. 4. Borehole installed with standpipe and flush-cover finish.									
									

Hill View, Eastergate
Factual Letter Report
Date: 13th May 2025
Our Ref: CE25.1632
Client: Eastmere Paddocks Ltd

F.A.O: Joe Shopland

Dear Sirs,

On 30th April, 2025, Constructive Evaluation Ltd (CE) was commissioned by Eastmere Paddocks Ltd. (the Client) to undertake a site investigation at Hill View/Wayside, Eastergate Lane, Eastergate, PO20 3SJ, hereafter referred to as the “site”. The intent of this report is to present a factual summary of the site investigation and testing results derived from the investigation.

Site Description

The subject site has an approximate grid reference of SU 94848 06047 and is rectangular in shape covering an approximate area of 0.5ha. The site is surrounded by residential properties, agricultural arable fields, woodland and nurseries. Ordnance Survey Maps 1:25000 of the area indicate surface elevations of between 15 and 16 metres AOD.

The site was accessed via a gated entrance from Eastergate Lane to the north of the site. Existing structures on the site include two residential properties, garages and storage areas for vehicles and equipment. Topography across the site is relatively level with heavy vegetation, hedging, mature trees and fencing forming the borders of the site. The majority of the site is covered in grass, with concrete surfacing to the south. Surface water was not present across the site and surrounding area.

An outline of the site boundaries is provided below:

- Northern Boundary – Eastergate Lane running east-west with stables and residential buildings occupy the land adjacent.
- Eastern Boundary – Fencing with hedging, heavy vegetation and mature trees.
- Southern Boundary – Small woodland with natural fields.
- Western Boundary – Natural fields with residential buildings leading to Fontwell Avenue.

The Site Location Plan is provided as **Figure 1**.

Site Investigation

The site investigation comprised the following:

- Two mechanically excavated trial pits (TP01 and TP02) to a maximum depth of 1.60mbgl.
- Soil infiltration testing within each trial pit comprising three cycles in accordance with BRE Digest 365.

The following materials were encountered during the site investigation;

Table 1: Summary of Encountered Strata

Material	Min-Max Depth (mbgl)	Average Depth (mbgl)
Topsoil	0.00 – 0.30	0.00 – 0.28
Slightly sandy CLAY	0.25 – 1.20	0.28 – 0.95
Clayey sandy GRAVEL	0.70 – 1.60	0.95 – 1.45
Silty gravelly SAND	1.30 – 1.60	>1.60*

*Base of investigation

The final positions of the tests are detailed on the Site Investigation Plan in **Figure 2**.

Date: 13TH May 2025

Ref. No: CE25.1632

Page 2 of 2

Geotechnical Observations

Trial pits TP01 TP02 were both successful in completing three complete soil infiltration cycles targeting soils between 0.88m and 1.60m depth. Each subsequent test cycle, in both trial pits, resulted in a lowering infiltration rate from the first cycle to the last. It is likely that traditional soakaways will be suitable at this site. Table 2 summarises the results.

Table 2: Summary of Soil Infiltration Testing

Trial Pit ID	Cycle/ Test no.	Pit Depth (m bgl)	Time at 75% (mins)	Time at 25% (mins)	Permeability Coefficient (m/s)	Drainage Conditions*
TP01	1	1.60	0.68	2.15	1.88E ⁻⁰³	Good
TP01	2	1.60	1.50	4.25	9.77E ⁻⁰⁴	Good
TP01	3	1.60	0.70	3.50	9.59E ⁻⁰⁴	Good
TP02	1	1.60	1.80	8.90	3.78E ⁻⁰⁴	Good
TP02	2	1.60	4.55	14.80	2.62E ⁻⁰⁴	Good
TP02	3	1.60	4.50	18.80	1.88E ⁻⁰⁴	Good

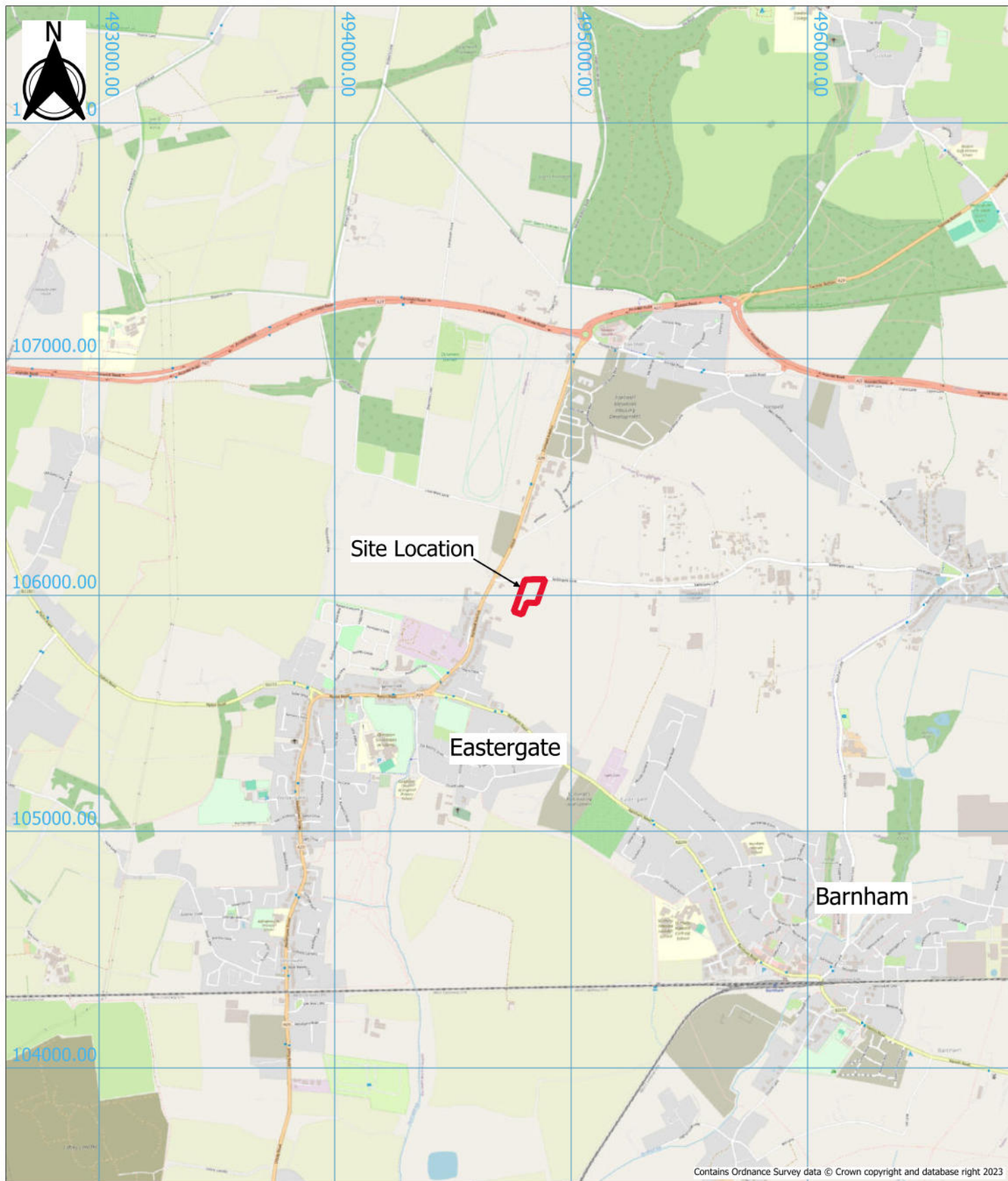
*After Casagrande and Fadum (1940)

Enclosed are appendices including Stratigraphic Logs, Site Photographs and Soil Infiltration Results.

We trust the above information meets your requirements and should you require any further clarification or assistance please do not hesitate to contact CE Ltd.

Kind regards,


Isaac Betts BSc MSc FGS
Senior Geotechnical Engineer
Constructive Evaluation Limited



Units 15 & 16, Ford Lane Business Park, Ford,
Arundel BN18 0UZ

Dimension m	Size A4	Geolocation 494851 , 106027
----------------	------------	--------------------------------

Client Eastmere Paddocks Ltd

Project CE251632 - Hill View, Eastergate Lane,
Eastergate, PO20 3SJ

Title Site Location Plan

Figure 1



Units 15 & 16, Ford Lane Business Park,
Ford, Arundel BN18 0UZ

Client Eastmere Paddocks Ltd

Project CE25.1632 - Hill View, Eastergate
Lane, Eastergate, PO20 3SJ

Title Site Investigation Plan

Dimension m	Size A4	Geolocation 494851 , 106027
----------------	------------	--------------------------------

Legend

— Site Boundary

Trial Pit / BRE

0 15 30 45 m



Figure 2



Site Photographs

Project Ref: CE25.1632

Site Name: Hill View, Eastergate - BRE

1.



2.



- 1) TP01 location adjacent to hedgerow facing northwest
- 2) TP01 location in relation to northeast structures, facing south east
- 3) TP01 0.0-1.6m bgl
- 4) TP01 spoil

3.



4.



Site Photographs

Project Ref: CE25.1632

Site Name: Hill View, Eastergate - BRE

5.



6.



7.



8.



- 5) TP01 side wall 0.0-1.6m bgl
- 6) TP02 location in southwest fields facing southwest
- 7) TP02 in relation to adjacent site facing north
- 8) TP02 0.0-1.6m bgl

Site Photographs

Project Ref: CE25.1632

Site Name: Hill View, Eastergate - BRE

9.



10.



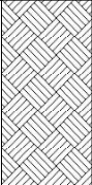
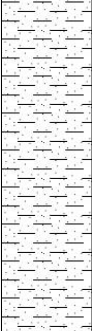
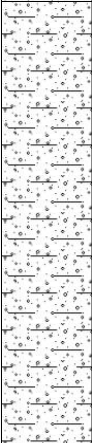
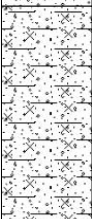
- 9) TP02 side wall 0.0-1.6m bgl
- 10) TP02 spoil
- 11) TP01 post testing
- 12) TP02 post testing

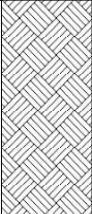
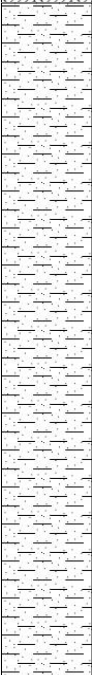
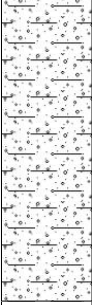
11.



12.



 constructiveevaluation site investigation • building pathology					Borehole Log			Borehole No. TP02 Sheet 1 of 1	
Project Name: Hill View/Wayside					Project No. CE25.1632		Co-ords:		Hole Type TP
Location: Eastergate Lane, Eastergate, PO20 3SJ					Level:		Scale 1:10		Logged By IB
Client: Eastmere Paddocks Ltd					Dates: 08/05/2025				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.25			Grass over greyish brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine and medium angular to rounded of flint. (TOPSOIL)	1
					0.70			Firm to stiff brown slightly sandy CLAY. Sand is fine and medium.	
					1.30			Brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded of flint.	
					1.60			Light brown mottled cream silty gravelly SAND. Sand is fine to coarse. Gravel is fine to coarse angular to rounded of flint and extremely weak low density chalk.	
							End of Borehole at 1.600m		2
Remarks 1. Location CAT and Genny scanned prior to breaking ground. 2. Soil infiltration testing completed between 0.88m and 1.60m bgl.									

 constructiveevaluation site investigation • building pathology					Borehole Log			Borehole No. TP01 Sheet 1 of 1	
Project Name: Hill View/Wayside					Project No. CE25.1632		Co-ords:		Hole Type TP
Location: Eastergate Lane, Eastergate, PO20 3SJ					Level:		Scale 1:10		
Client: Eastmere Paddocks Ltd					Dates: 08/05/2025		Logged By IB		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Grass over greyish brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine and medium angular to rounded of flint. (TOPSOIL)	1
								Firm to stiff brown slightly sandy CLAY. Sand is fine and medium.	
					1.20			Brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded of flint.	
					1.60			End of Borehole at 1.600m	2
Remarks 1. Location CAT and Genny scanned prior to breaking ground. 2. Soil infiltration testing completed between 0.88m and 1.60m bgl.									



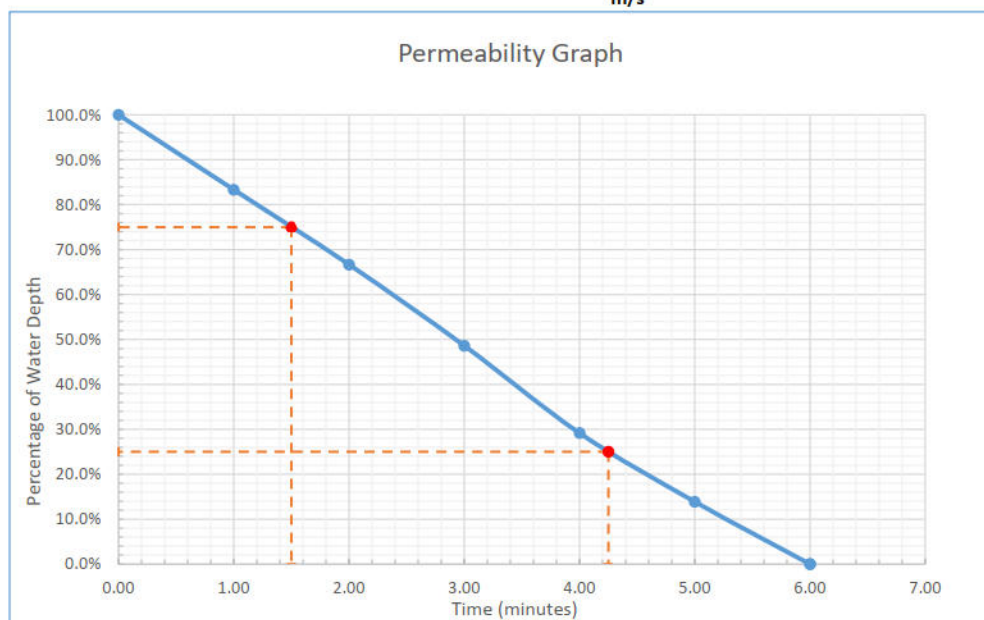
constructiveevaluation
site investigation • building pathology

Trial Hole: TP01

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	9.77E-04
		m/s



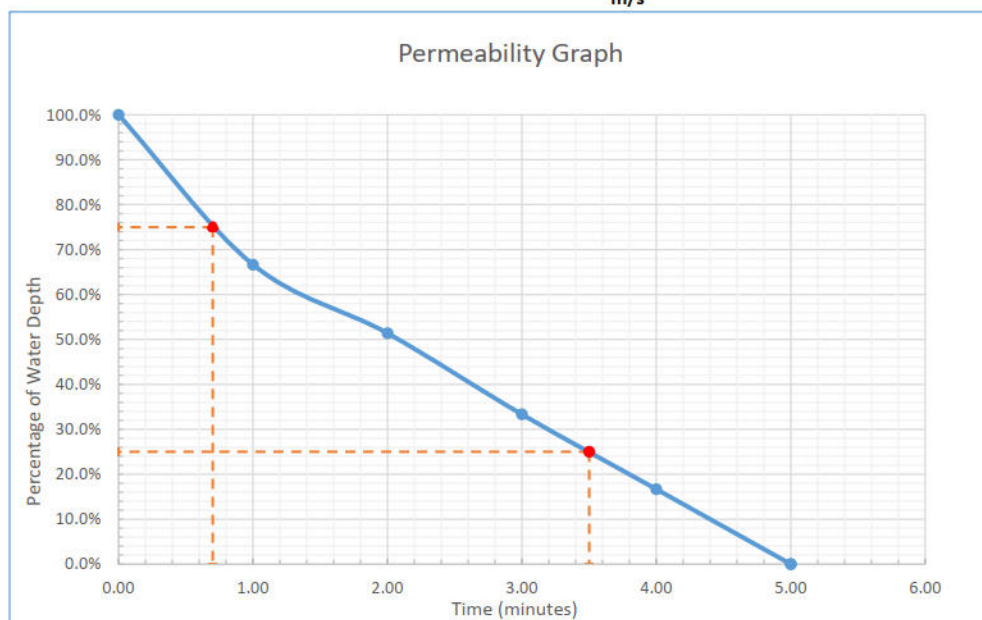
constructiveevaluation
site investigation • building pathology

Trial Hole: TP01

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	9.59E-04
		m/s



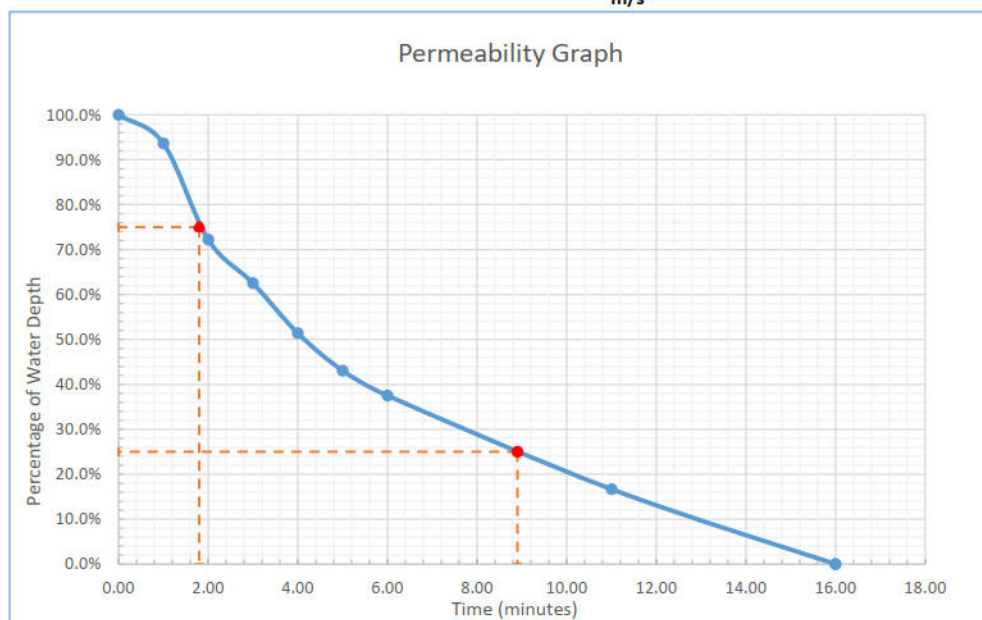
constructiveevaluation
site investigation • building pathology

Trial Hole: TP02

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.78E-04
		m/s



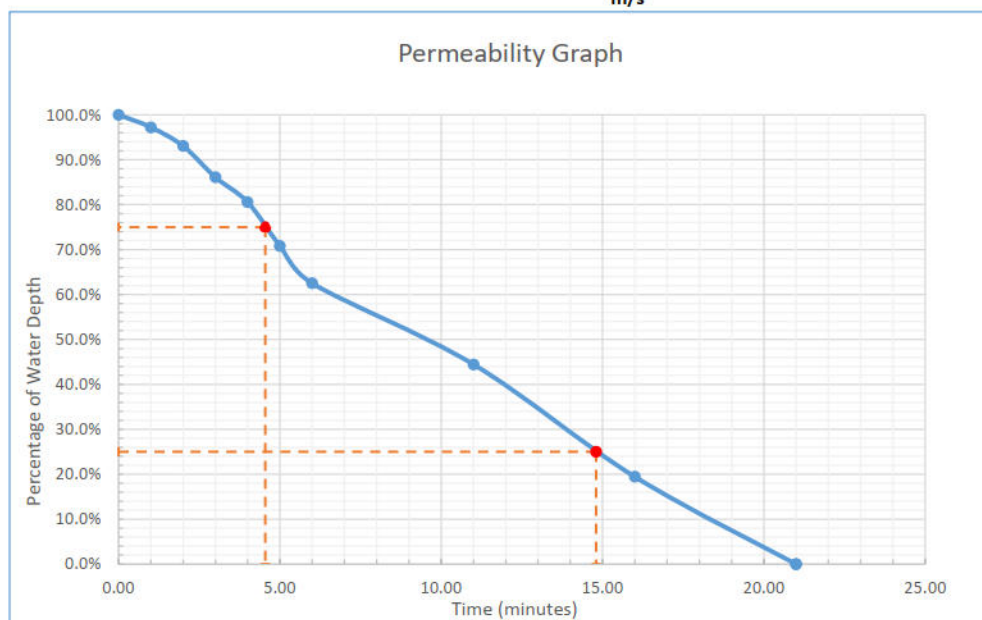
constructiveevaluation
site investigation • building pathology

Trial Hole: TP02

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	2.62E-04
		m/s



constructiveevaluation
site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.1632

Trial Hole: TP02

Test 3

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

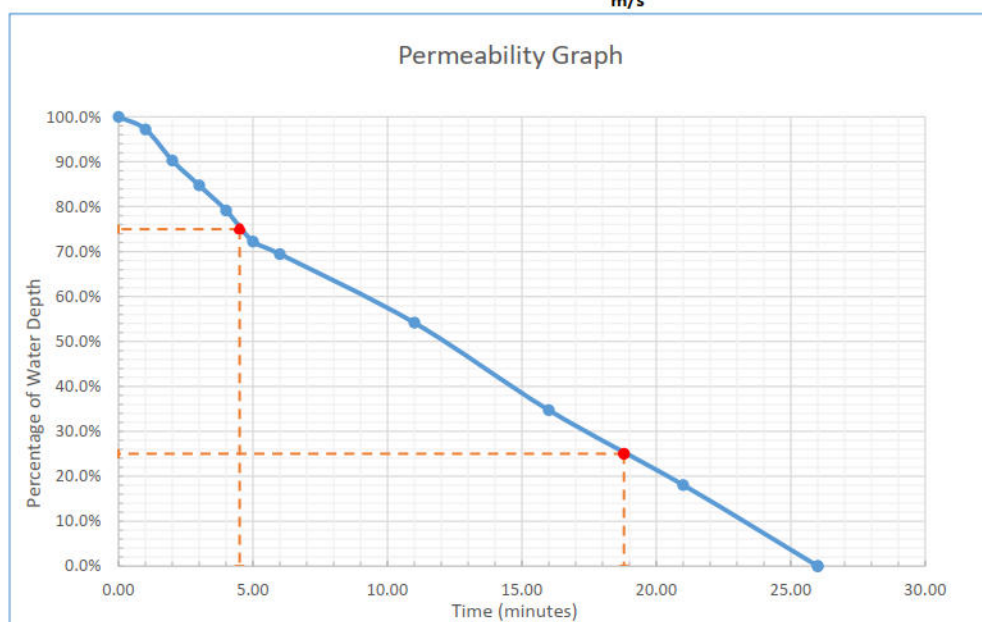
Pit Size		Time in mins	
Length	1.40	4.5	75%
Width	1.00	18.8	25%
Depth	1.60		

Infiltration Rate

from 75%-25%

1.88E-04

m/s



Introduction

On the 28th November 2025, Constructive Evaluation Ltd (CE) was commissioned by Eastmere Paddocks Ltd (the Client) to undertake a site investigation at Hillview, Eastergate Lane, PO20 3SJ, hereafter referred to as the “site”. The proposed development and testing locations plan completed by Symmetry architecture has been provided as **Figure 1**, drawing reference: 1863-XX-ZZ-DR-A-0301 P03, dated March 2025.

The intent of this report is to present a factual summary of the site investigation and testing results derived from the investigation. Attention is drawn to the fact that whilst every effort has been made to ensure the accuracy of the data supplied and any analysis derived from it, there is a potential for variations in ground and groundwater conditions between and beyond the specific locations investigated. No liability can be accepted for any such variations. Furthermore, any recommendations are specific to the Client’s requirements as detailed herein and no liability will be accepted should these be used by third parties without prior consultation with Constructive Evaluation Ltd.

Site Description

The subject site has an approximate grid reference of SU 94848 06047 and is rectangular in shape covering an approximate area of 0.5ha. The site is surrounded by residential properties, agricultural arable fields, woodland and nurseries. Ordnance Survey Maps 1:25000 of the area indicate surface elevations of between 15 and 16 metres AOD.

The site was accessed via a gated entrance from Eastergate Lane to the north of the site. Existing structures on the site include two residential properties, garages and storage areas for vehicles and equipment. Topography across the site is relatively level with heavy vegetation, hedging, mature deciduous trees and fencing forming the borders of the site. The majority of the site is covered in grass, with concrete surfacing to the south. Surface water was not present across the site and surrounding area.

An outline of the site boundaries is provided below:

- Northern Boundary – Eastergate Lane running east-west with stables and residential buildings occupy the land adjacent
- Eastern Boundary – Fencing with hedging, heavy vegetation and mature trees
- Southern Boundary – Small woodland with natural fields
- Western Boundary – Natural fields with residential buildings leading to Fontwell Avenue

The Site Location Plan is provided as **Figure 2**.

Site Investigation

The site investigation comprised the following:

- Nine mechanically excavated trial pits (TP101-TP109) to depths of 0.70m and 1.70m bgl
- Two existing mechanically excavated trial pits (TP01 and TP02) were used for testing and had been left open since the previous investigation conducted by CE Ltd in May 2025 (ref: CE25.1632)
- Two windowless sampler boreholes (BH101 and BH102) to a maximum depth of 5.0mbgl and standpipe installation to monitoring groundwater levels
- Three cycles of soil infiltration tests within each trial pit in accordance with BRE Digest 365

The following materials were encountered during the site investigation;

Table 1: Summary of Encountered Strata

Material	Min-Max Depth (mbgl)
TOPSOIL. Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.	0.00 – 0.30
Firm sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.	0.30 – 2.80
Clayey/silty sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint and chalk. (HEAD DEPOSITS)	2.80 – 5.00

Some variations in encountered strata occurred across the subject site. TP101 was conducted on an existing blacktop road with the surface cover between 0.0m to 0.15m bgl incorporating bituminous material. The transition from cohesive to granular soil averaged between 1.0m to 1.2m bgl, with BH101 encountering soft brown slightly sandy gravelly clay to a maximum depth of 2.80m bgl, overlying the granular Head Deposits.

Groundwater was encountered in BH101 and BH102 during the site investigation. These are summarised in Table 2.

Table 2: Summary of Encountered Groundwater

Borehole ID	Groundwater Encountered (mbgl)	Groundwater Level at Completion of Borehole (mbgl)
BH101	4.00	3.42
BH102	4.50	4.28

Allowance should be made for both the long-term and short-term natural variations of recorded groundwater levels as influenced by environmental factors such as precipitation and tidal influences.

The final positions of the tests are detailed on the Site Investigation Plan in **Figure 3**.

Geotechnical Observations

All trial pits (TP101 – TP109, & TP01 – TP02) successfully completed three cycles of soil infiltration testing in accordance with BRE Digest 365 methodology. Table 3 summarises the results of the test cycles for each trial pit.

Table 3: Summary of BRE Digest 365 Infiltration Testing Results

Location ID	Test Depth (m bgl)[m AOD]	Cycle Number	Infiltration Rate (m/s)	Drainage Conditions*
TP01	0.85 – 1.60	1	1.08E-04	Good
	0.90 – 1.60	2	1.81E-04	
	0.90 – 1.60	3	1.31E-04	
TP02	0.87 – 1.60	1	1.47E-04	Good
	0.90 – 1.60	2	1.89E-04	
	0.90 – 1.60	3	1.54E-04	
TP101	0.28 – 0.70	1	5.72E-04	Good
	0.30 – 0.70	2	2.26E-04	
	0.30 – 0.70	3	1.92E-04	
TP102	0.27 – 0.70	1	1.91E-04	Good
	0.28 – 0.70	2	1.72E-04	
	0.28 – 0.70	3	1.45E-04	
TP103	0.26 – 0.70	1	2.22E-04	Good
	0.28 – 0.70	2	3.80E-04	
	0.25 – 0.70	3	4.49E-04	
TP104	0.20 – 0.70	1	1.09E-04	Good
	0.22 – 0.70	2	7.53E-05	
	0.25 – 0.70	3	5.13E-05	
TP105	0.79 – 1.70	1	3.20E-04	Good
	0.80 – 1.70	2	4.35E-04	
	0.85 – 1.70	3	3.41E-04	
TP106	1.0 – 1.70	1	7.06E-04	Good
	0.90 – 1.70	2	4.47E-05	
	1.10 – 1.70	3	5.33E-05	
TP107	0.91 – 1.70	1	6.04E-04	Good
	0.95 – 1.70	2	3.66E-04	
	0.92 – 1.70	3	3.43E-04	
TP108	0.82 – 1.70	1	3.58E-04	Good
	0.85 – 1.70	2	2.11E-04	
	0.85 – 1.70	3	4.27E-04	
TP109	0.28 – 0.70	1	6.88E-05	Good
	0.30 – 0.70	2	4.70E-05	
	0.32 – 0.70	3	5.71E-05	

*After Casagrande and Fadum (1940)

Date: 19th December 2025
Ref. No: CE25.2088
Page 4 of 4

Enclosed are appendices including Site Photographs, Stratigraphic Logs and Soil Infiltration Results.

We trust the above information meets your requirements and should you require any further clarification or assistance please do not hesitate to contact CE Ltd.

Kind regards,



FGS

Engineering Geologist

Constructive Evaluation Limited

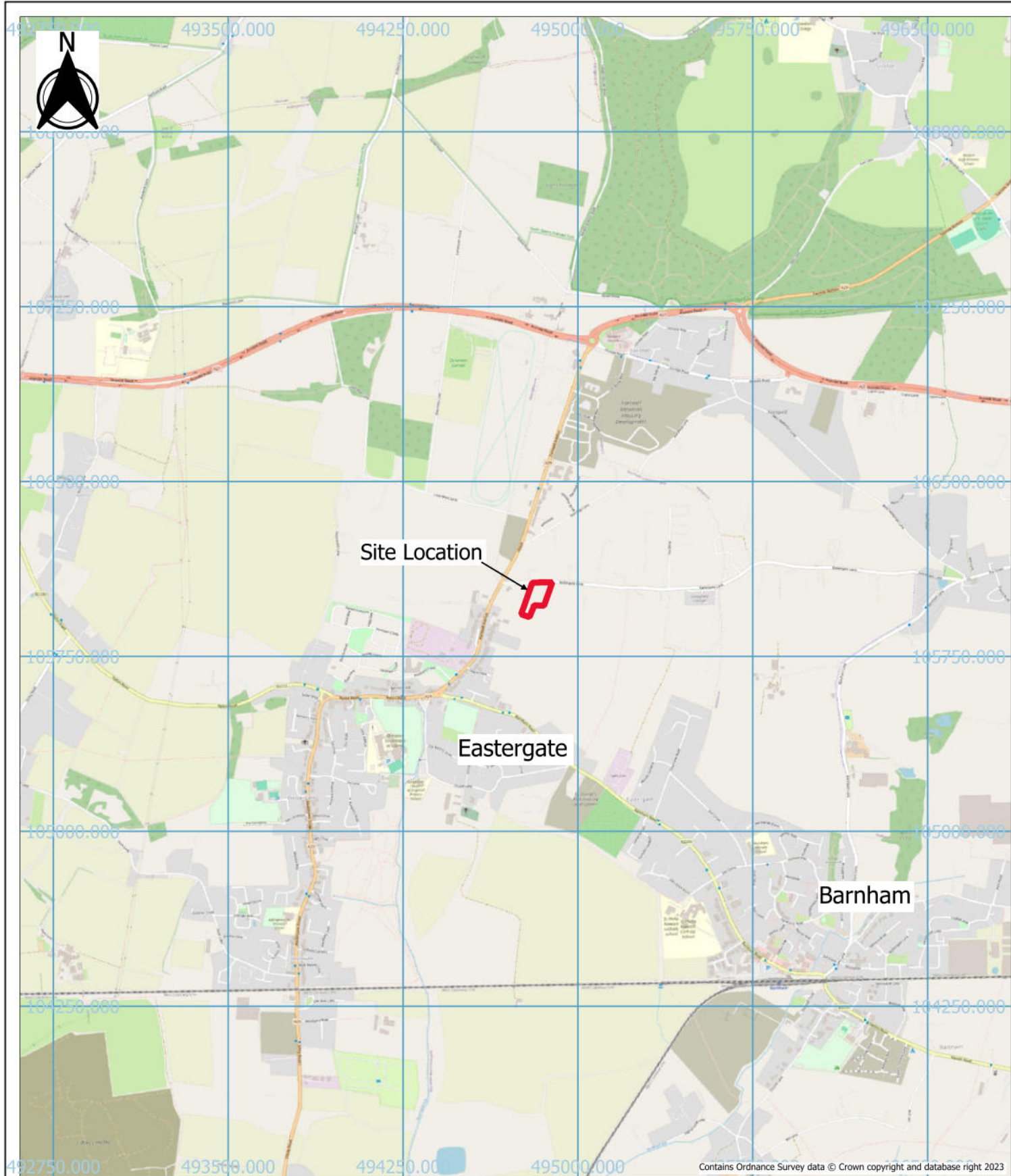


Proposed Site Plan
1:200

101	18/03/2025	101	Team update to match A3/Arch specification
102	26/03/2025	102	Adjusted to highway constraints, A30 suggestions included, completed
103	26/03/2025	103	Final design for comment
104	Date	By	Description

www.symmetryarchitecture.co.uk
01420 820000
05.03.25 15:55:59

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Units 15 & 16, Ford Lane Business Park, Ford,
Arundel BN18 0UZ

Client Eastmere Paddocks Ltd

Project CE25.2088 - Hillview, Eastergate Lane
Eastergate, PO20 3SJ

Title Site Location Plan

Figure 2

Dimension m	Size A4	Geolocation 494851 , 106027
----------------	------------	--------------------------------



Units 15 & 16, Ford Lane Business Park,
Ford, Arundel BN18 0UZ

Client Eastmere Paddocks Ltd

Project CE25.2088 - Hillview, Eastergate Lane
Eastergate, PO20 3SJ

Title Site Investigation Plan

Dimension	Size	Geolocation
m	A4	494851 , 106027

Legend

- Site Boundary
- Borehole with standpipe installation
- Trial pits (0.70mbgl)
- Trial Pits (1.70mbgl)
- Existing Trial Pits

0 10 20 30 40 m

Figure 3

Site Photographs

Project Ref: CE25.2088

Site Name: Hillview, Eastergate Lane

1.



2.



3.



4.



- 1) BRE 365 testing
- 2) BRE 365 testing
- 3) BRE 365 testing
- 4) BRE 365 testing

Key to exploratory hole symbols and abbreviations

SAMPLE TYPES

ACM - Asbestos sample
BLK - Block sample
D - Disturbed sample
G - Gas sample
TW - Pushed thin wall sample
W - Water sample

AMAL - Amalgamated sample
C - Core sample
ES - Environmental sample
J - Jar sample
U - Undisturbed sample

B - Bulk disturbed sample
CBR - CBR test sample
EW - Environmental water sample
L - Liner sample
UT - Undisturbed thin wall sample

IN-SITU TESTS

HV - Hand shear vane
PP - Hand penetrometer

HV(r) - Hand shear vane residual
SPT - Standard penetration test

PID - Photo ionisation detector
SPT(C) - SPT using cone

GROUNDWATER



Groundwater strike



Groundwater rest level

ROTARY CORE DETAILS

TCR - Total core recovery (%)
FI - Fracture index

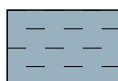
SCR - Solid core recovery (%)
NI - Non-intact core

RQD - Rock quality designation (%)
AZCL - Assumed zone of core loss

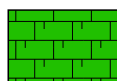
LEGEND



Topsoil



Clay



Chalk



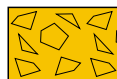
Sand backfill



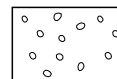
Peat



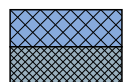
Silt



Breccia



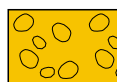
Gravel backfill



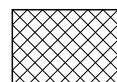
Made ground
[cohesive]



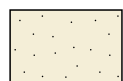
Sand



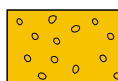
Conglomerate



Arisings



Concrete



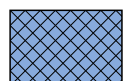
Gravel



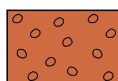
Metamorphic



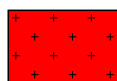
Bentonite



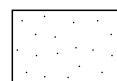
Wood



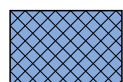
Cobbles



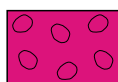
Igneous



Concrete



Brick



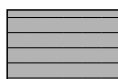
Boulders



Grout



Bituminous
material



Mudstone



Plain pipe



Gypsum



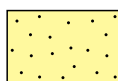
Siltstone



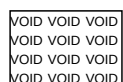
Slotted pipe



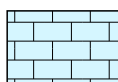
Coal



Sandstone



Void



Limestone

Dynamic (Windowless) Sampler

BH101

Sheet 1 of 1

Hole Type WLS	Easting	Northing	Ground Level (m)	Scale 1:25
Project Name Hill View and Wayside	Project No. CE25.2088		Start Date 2025-12-01	End Date 2025-12-01

Client Eastmere Paddocks Ltd	Consultant LS	Contractor
---------------------------------	------------------	------------

Inst/ Backfill	Water Levels	Samples and Tests		Level (m)	Depth (m)	Strata	
		Depth (m)	Type/ Ref			Legend	Description
					(0.20)		Grass over brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. Abundant rootlets. (TOPSOIL)
					0.20		Soft brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
					(1.80)		
					2.00		Soft brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
					(0.80)		
					2.80		Light brown mottled cream very silty very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint and white chalk. (HEAD DEPOSITS)
					(2.20)		
					5.00		End of Borehole at 5.00m

Remarks 1. CAT scanned prior to manual excavation. 2. Groundwater observed at 4.0mbgl, rising to 3.42mbgl within 30 minutes. 3. Borehole reached a maximum depth of 5.0mbgl. 4. Standpipe installed to target groundwater levels between 1.0m to 5.0m bgl.	Method, Plant, Stability, Dimensions 0.00 - 5.00m WLS	Logger LS

Checked By: LS Approved By: IB

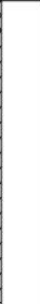
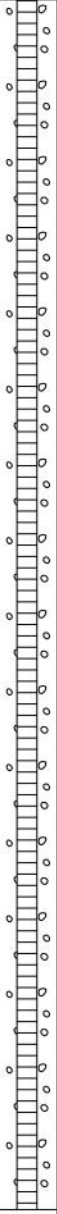
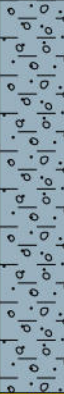
Dynamic (Windowless) Sampler

BH102

Sheet 1 of 1

Hole Type WLS	Easting	Northing	Ground Level (m)	Scale 1:25
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-01	End Date 2025-12-01	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

Inst/ Backfill	Water Levels	Samples and Tests		Level (m)	Depth (m)	Strata	
		Depth (m)	Type/ Ref			Legend	Description
					(0.20)		Grass over brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. Abundant rootlets. (TOPSOIL)
					0.20		Soft brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
					(1.30)		
					1.50		Light brown mottled cream very silty very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint and white chalk. (HEAD DEPOSITS)
					(3.50)		
					5.00		
						End of Borehole at 5.00m	

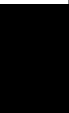
Remarks 1. CAT scanned prior to manual excavation. 2. Groundwater observed at 4.5mbgl, rising to 4.28mbgl within 30 minutes. 3. Borehole reached a maximum depth of 5.0mbgl. 4. Standpipe installed to target groundwater levels between 1.0m to 5.0m bgl.	Method, Plant, Stability, Dimensions 0.00 - 5.00m WLS	Logger LS
--	---	---------------------

Checked By: LS Approved By: IB

Trial Pit

Hole Type TP	Easting	Northing	Ground Level (m)	Scale 1:10
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-01	End Date 2025-12-01	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.15)		Bituminous GRAVEL.
						0.15		Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
						(0.55)		
						0.70		End of Trial Pit at 0.70m
								
								

Remarks 1. Mechanical excavation of trial pit by the Client to a target depth of 0.70mbgl. 2. BRE 365 infiltration testing was conducted within the trial pit. 3. Backfilled with arisings on completion of testing.	Method, Plant, Stability, Dimensions	Logger
---	--------------------------------------	--------

Trial Pit

Hole Type TP	Easting	Northing	Ground Level (m)	Scale 1:10
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-01	End Date 2025-12-01	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

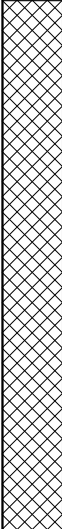
Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.15)		Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. (TOPSOIL)
						0.15		Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
						(0.55)		
						0.70		End of Trial Pit at 0.70m
								
								

Remarks 1. Mechanical excavation of trial pit by the Client to a target depth of 0.70m bgl. 2. BRE 365 infiltration testing was conducted within the trial pit. 3. Backfilled with arisings on completion of testing.	Method, Plant, Stability, Dimensions	Logger
--	--------------------------------------	--------

Trial Pit

Hole Type TP	Easting	Northing	Ground Level (m)	Scale 1:10
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-02	End Date 2025-12-02	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

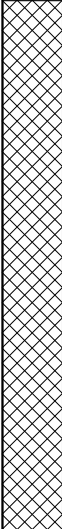
Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.15)		Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. (TOPSOIL)
						0.15		Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
						(0.55)		
						0.70		End of Trial Pit at 0.70m
								
								

Remarks 1. Mechanical excavation of trial pit by the Client to a target depth of 0.70m bgl. 2. BRE 365 infiltration testing was conducted within the trial pit. 3. Backfilled with arisings on completion of testing.	Method, Plant, Stability, Dimensions	Logger
--	--------------------------------------	--------

Trial Pit

Hole Type TP	Easting	Northing	Ground Level (m)	Scale 1:10
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-02	End Date 2025-12-02	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

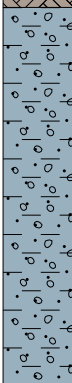
Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.15)		Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. (TOPSOIL)
						0.15		Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.
						(0.55)		
						0.70		End of Trial Pit at 0.70m
								
								

Remarks 1. Mechanical excavation of trial pit by the Client to a target depth of 0.70m bgl. 2. BRE 365 infiltration testing was conducted within the trial pit. 3. Backfilled with arisings on completion of testing.	Method, Plant, Stability, Dimensions	Logger
--	--------------------------------------	--------

Trial Pit

Hole Type TP	Easting	Northing	Ground Level (m)	Scale 1:10
Project Name Hill View and Wayside	Project No. CE25.2088	Start Date 2025-12-04	End Date 2025-12-04	

Client NJS Group	Consultant LS	Contractor
---------------------	------------------	------------

Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (thickness) (m)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.20)		Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint. (TOPSOIL)	
						0.20		Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse angular to sub-rounded flint.	
						(0.50)			
						0.70	End of Trial Pit at 0.70m		

Remarks 1. Mechanical excavation of trial pit by the Client to a target depth of 0.70m bgl. 2. BRE 365 infiltration testing was conducted within the trial pit. 3. Backfilled with arisings on completion of testing.	Method, Plant, Stability, Dimensions	Logger
--	--------------------------------------	--------

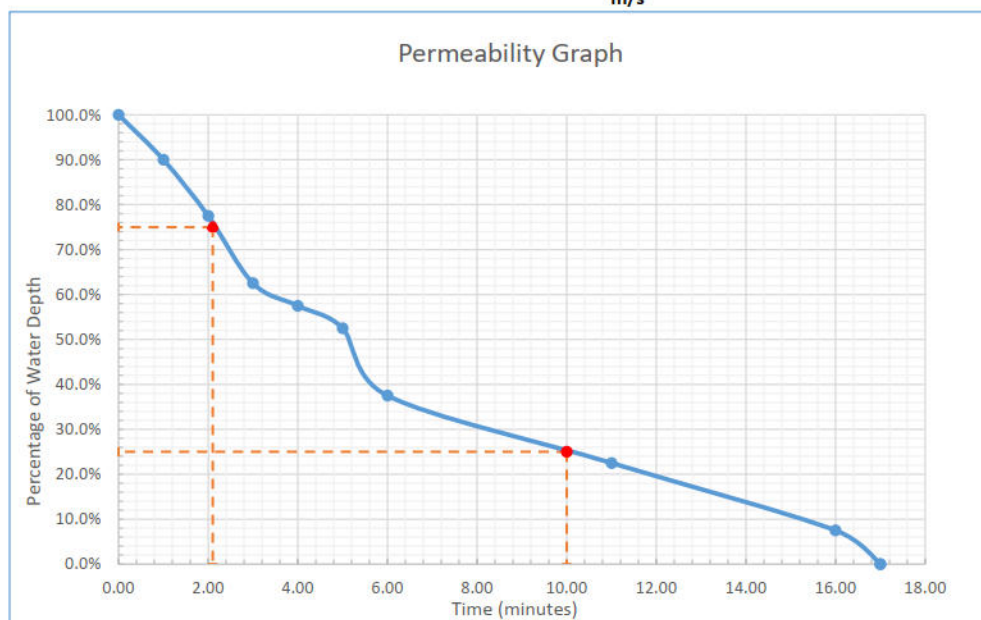
constructiveevaluation
site investigation • building pathology

Trial Hole: TP101

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	2.26E-04
		m/s



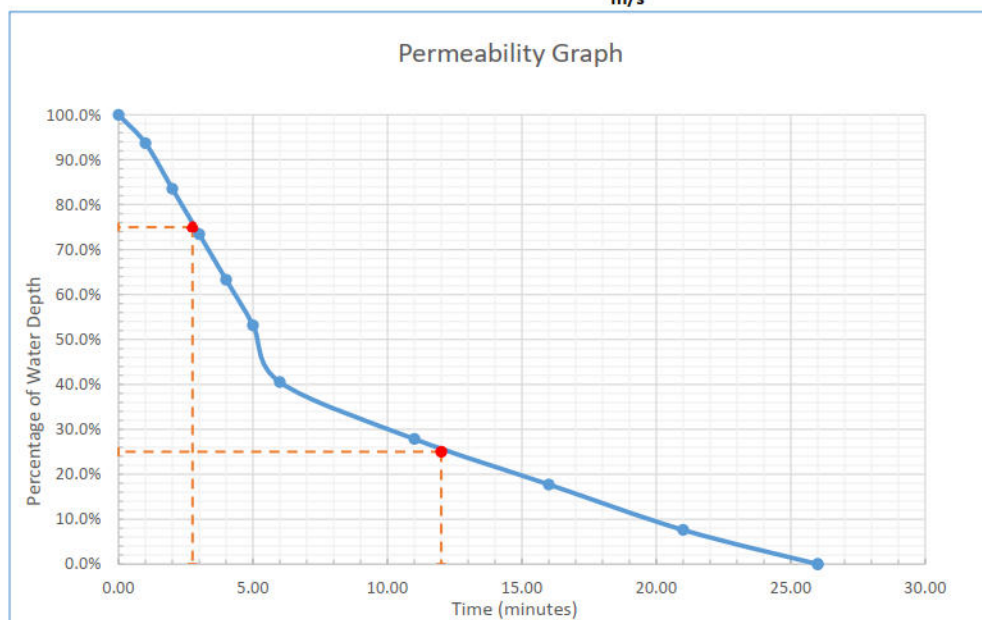
constructiveevaluation
site investigation • building pathology

Trial Hole: TP101

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.92E-04
		m/s



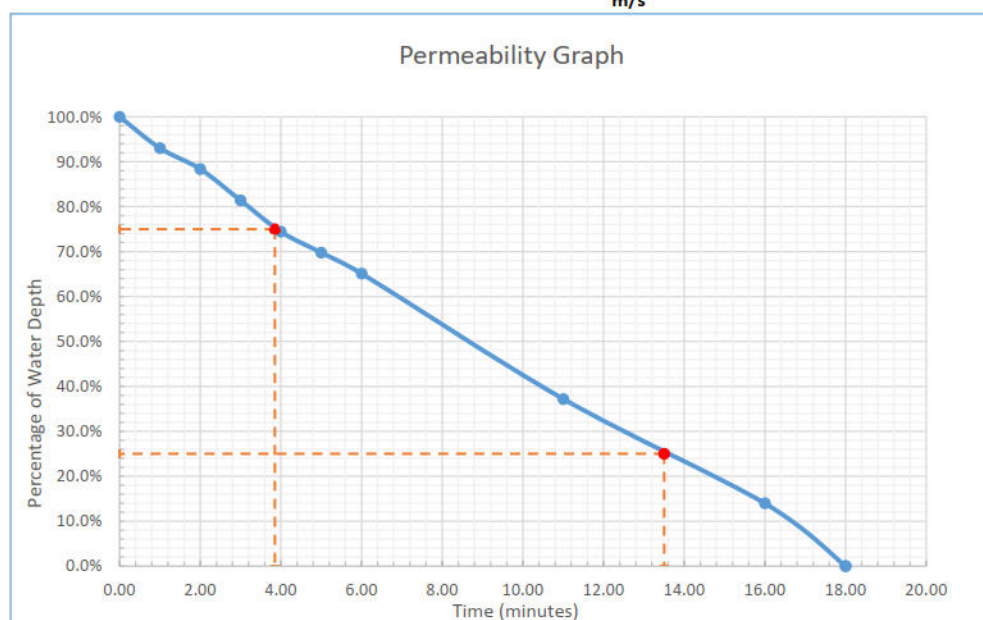
constructiveevaluation
site investigation • building pathology

Trial Hole: TP102

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.91E-04
		m/s



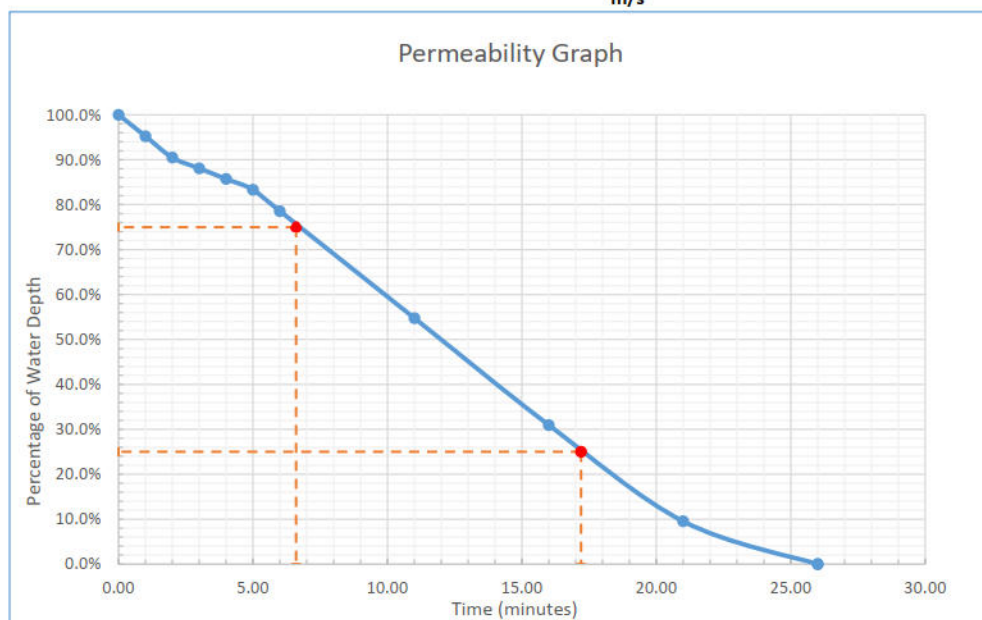
constructiveevaluation
site investigation • building pathology

Trial Hole: TP102

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.72E-04
		m/s



constructiveevaluation
site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP102

Test 2

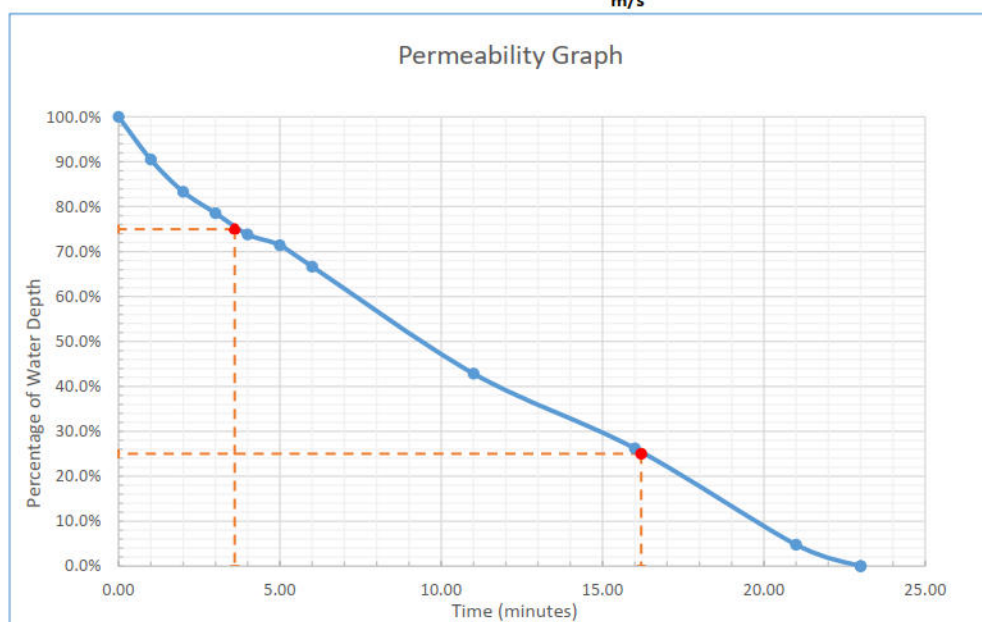
[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

Pit Size		Time in mins	
Length	1.90	3.6	75%
Width	0.60	16.2	25%
Depth	0.70		

Infiltration Rate from 75%-25%

1.45E-04
m/s



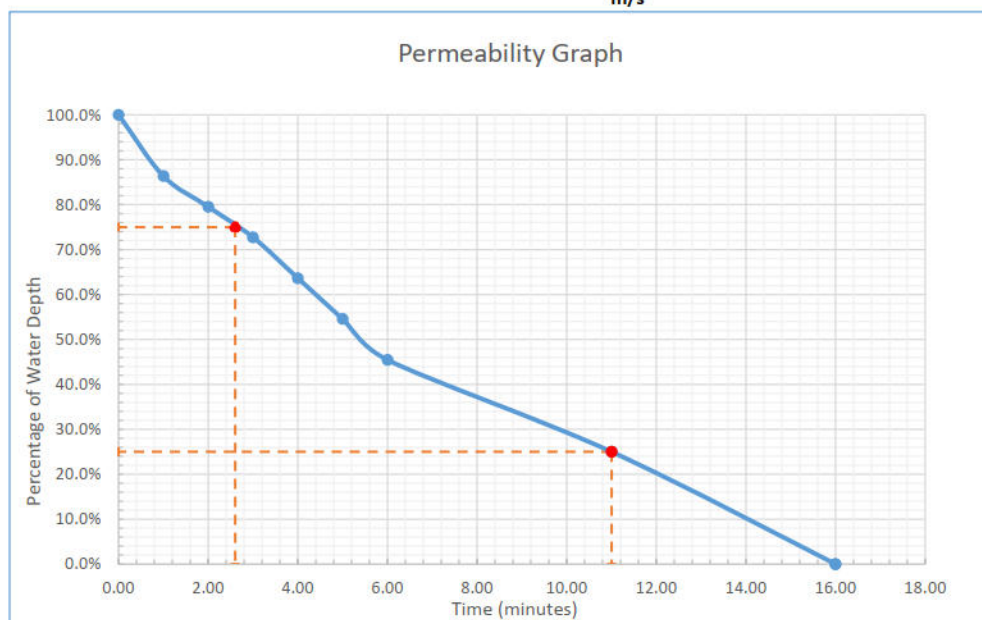
constructiveevaluation
site investigation • building pathology

Trial Hole: TP103

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	2.22E-04
		m/s



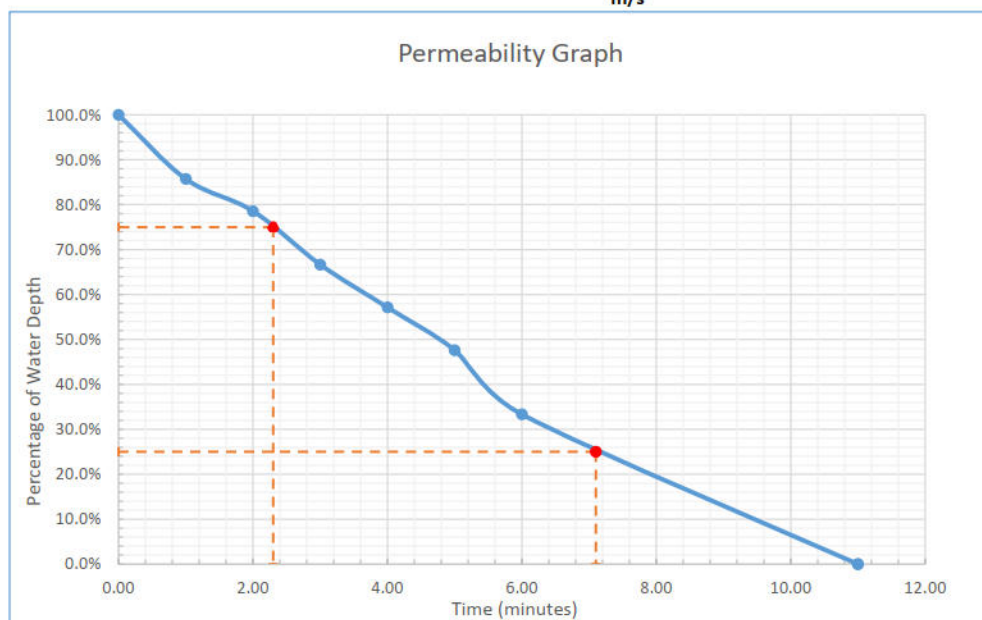
constructiveevaluation
site investigation • building pathology

Trial Hole: TP103

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.80E-04
		m/s



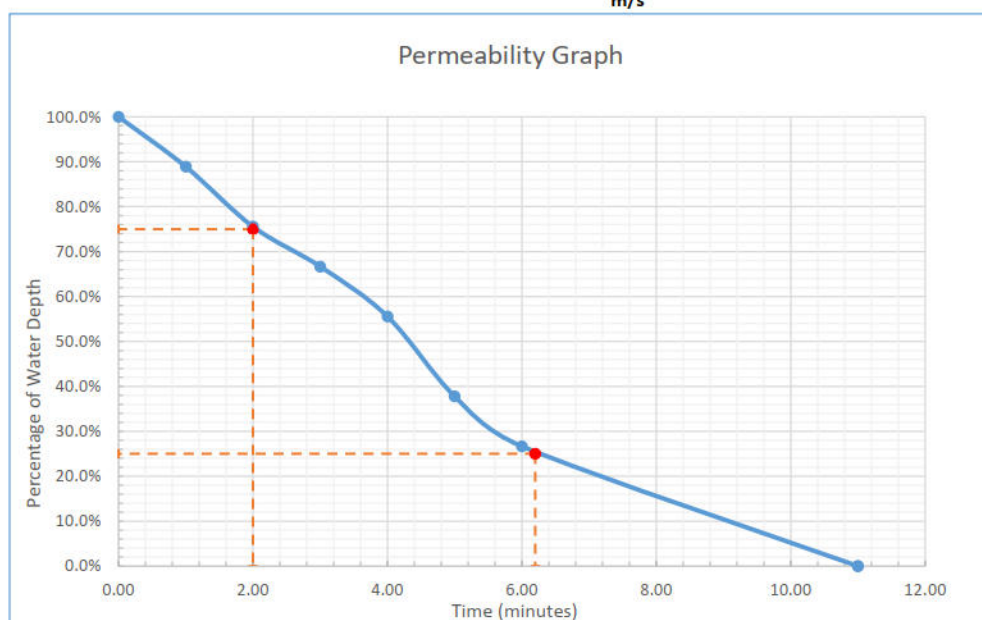
constructiveevaluation
site investigation • building pathology

Trial Hole: TP103

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	4.49E-04
		m/s



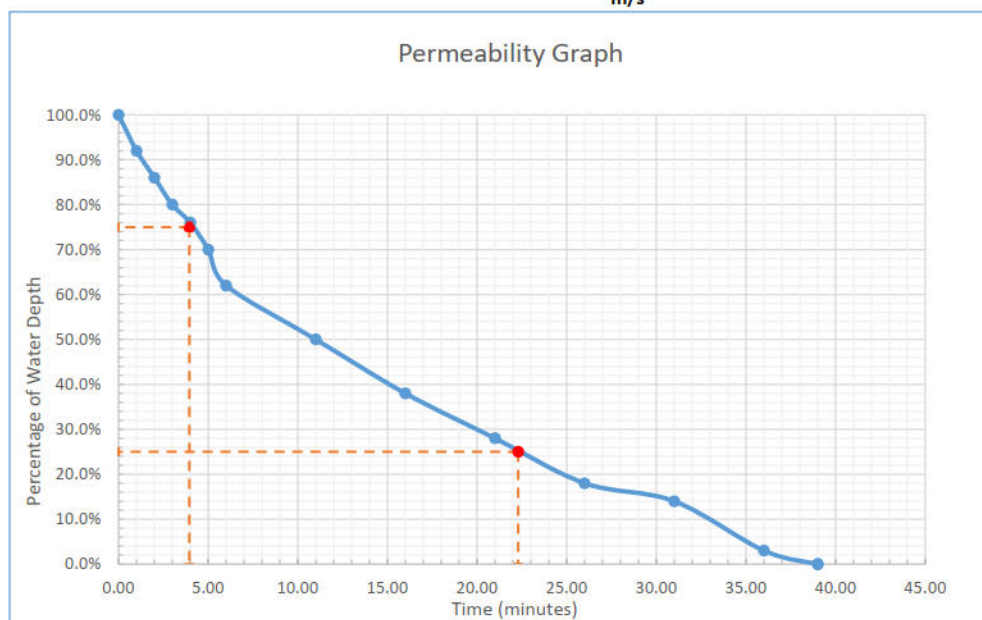
constructiveevaluation
site investigation • building pathology

Trial Hole: TP104

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.09E-04
		m/s



constructiveevaluation
site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP104

Test 3

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

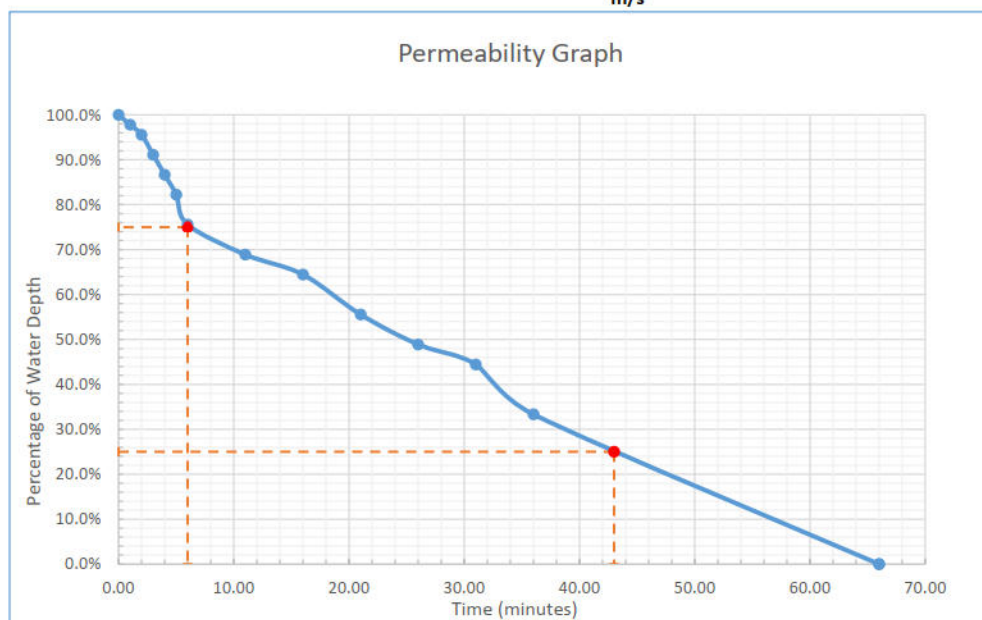
Pit Size		Time in mins	
Length	2.00	6	75%
Width	0.60	43	25%
Depth	0.70		

Infiltration Rate

from 75%-25%

5.13171E-05

m/s



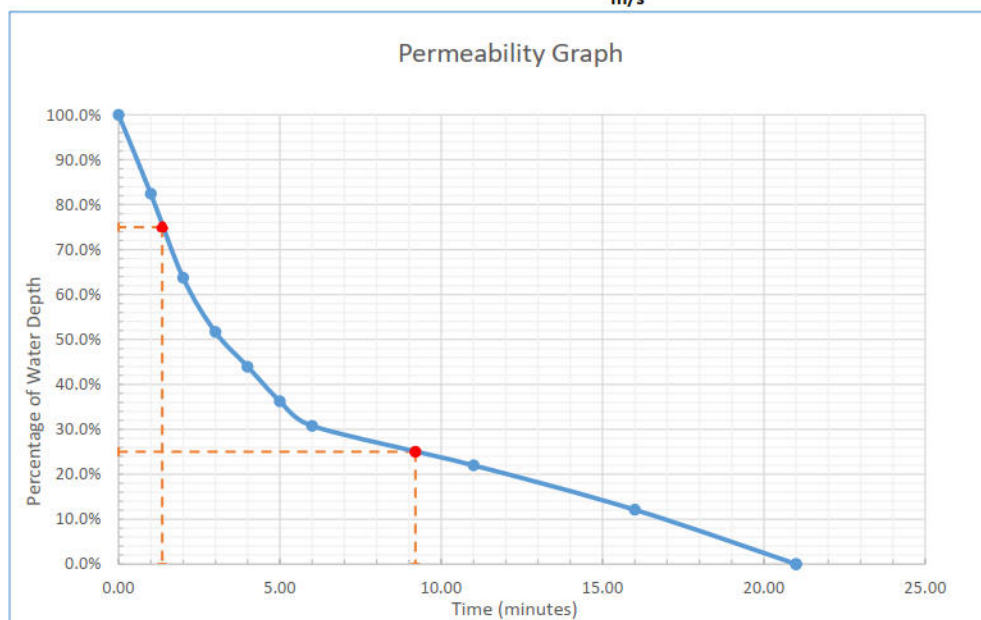
constructiveevaluation
site investigation • building pathology

Trial Hole: TP105

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.20E-04
		m/s



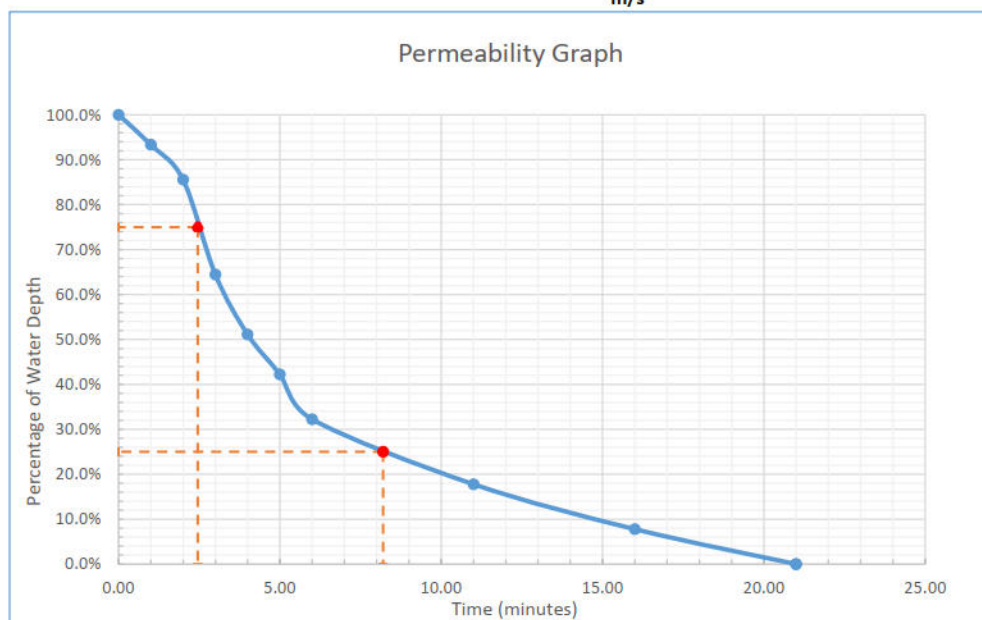
constructiveevaluation
site investigation • building pathology

Trial Hole: TP105

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	4.35E-04
		m/s



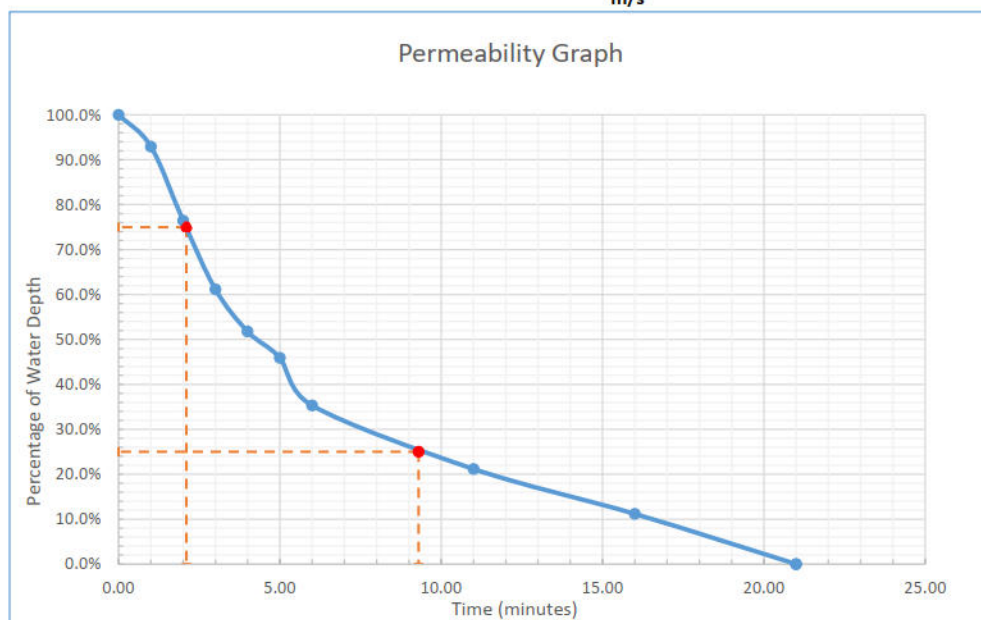
constructiveevaluation
site investigation • building pathology

Trial Hole: TP105

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.41E-04
		m/s



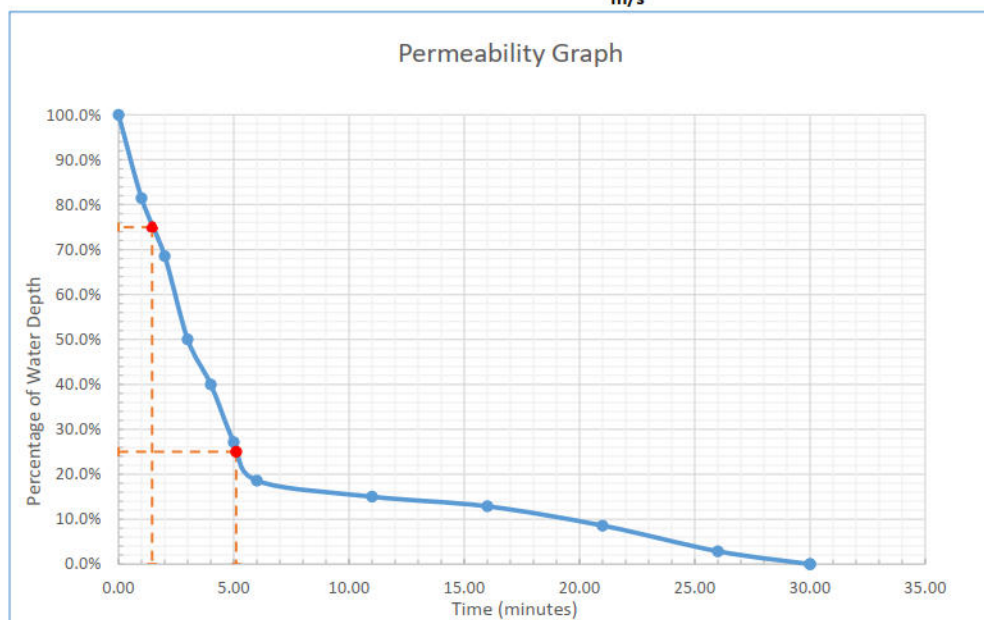
constructiveevaluation
site investigation • building pathology

Trial Hole: TP106

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	7.06E-04
		m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP106

Test 2

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

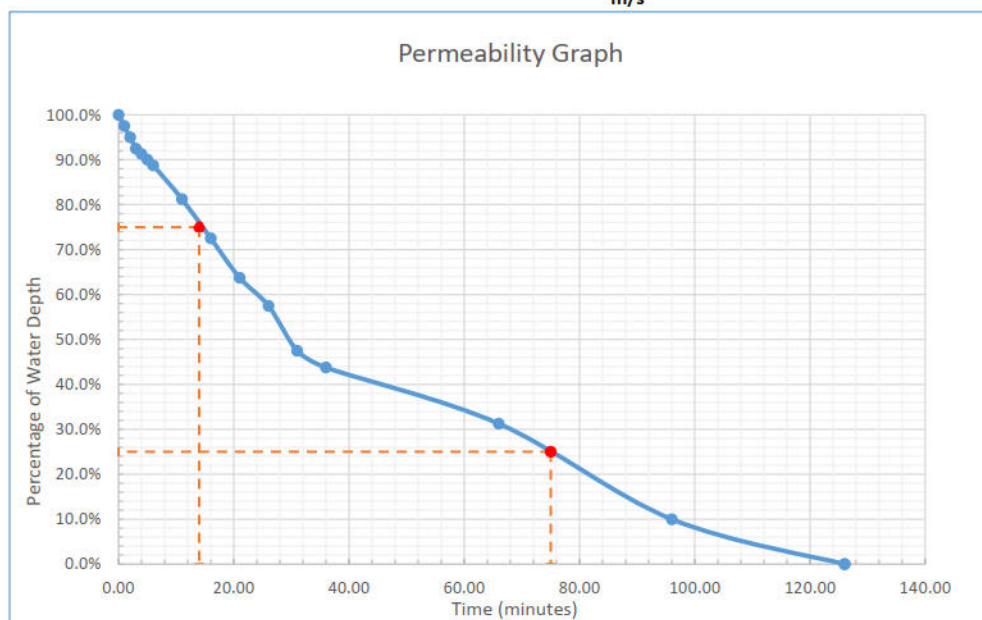
Pit Size		Time in mins	
Length	1.80	14	75%
Width	0.80	75	25%
Depth	1.70		

Infiltration Rate

from 75%-25%

4.47094E-05

m/s



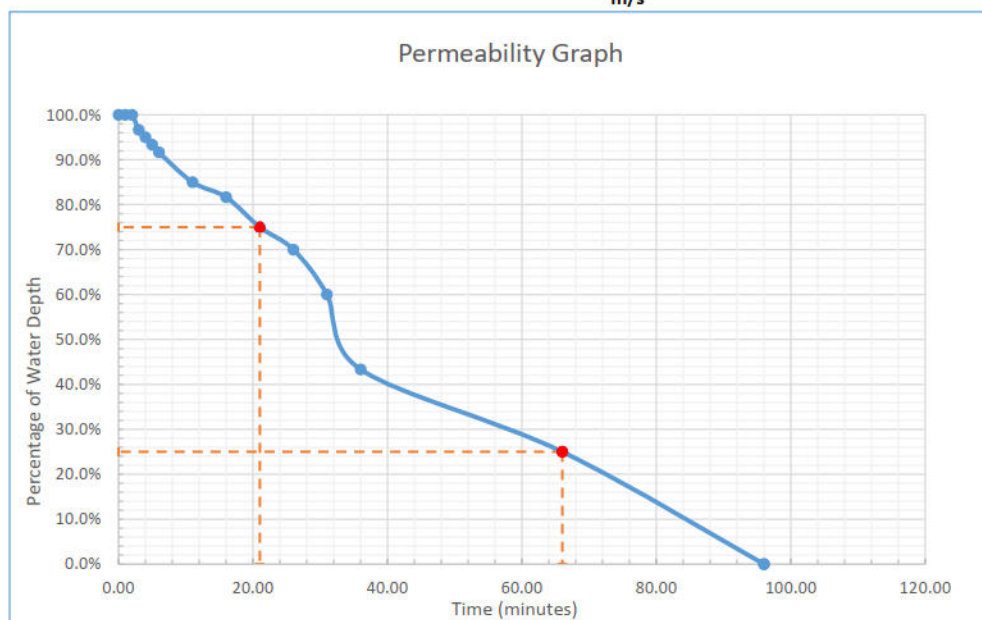
constructiveevaluation
site investigation • building pathology

Trial Hole: TP106

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	5.33333E-05
		m/s



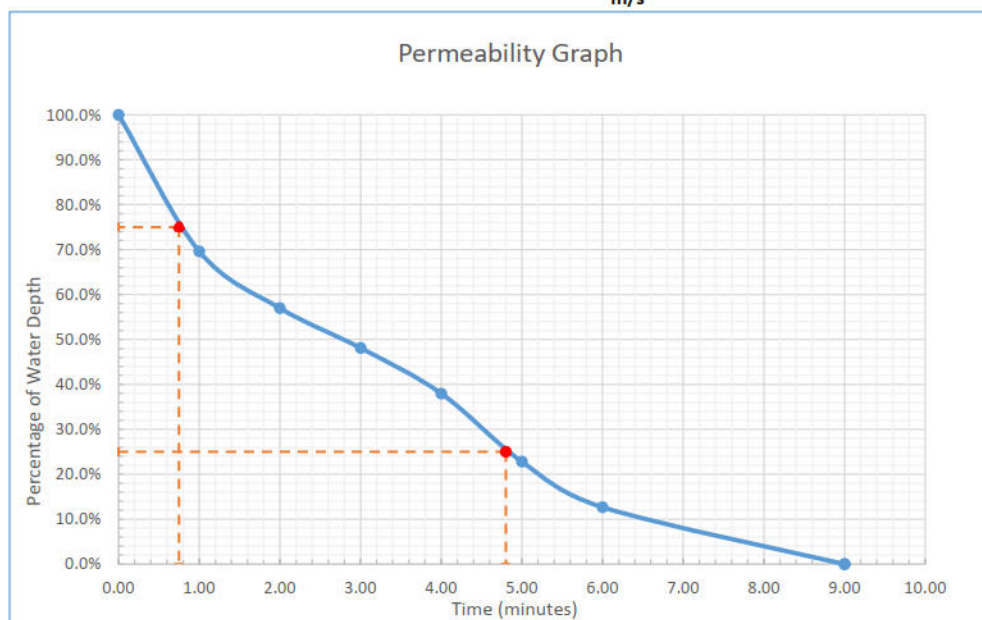
constructiveevaluation
site investigation • building pathology

Trial Hole: TP107

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	6.04E-04
		m/s



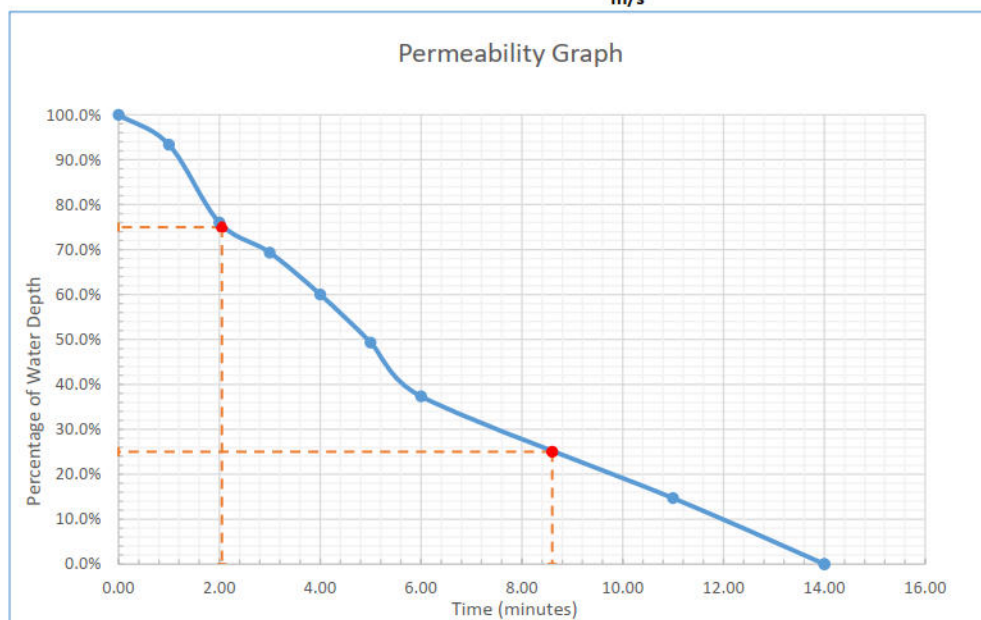
constructiveevaluation
site investigation • building pathology

Trial Hole: TP107

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.66E-04
		m/s



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Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP107

Test 3

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

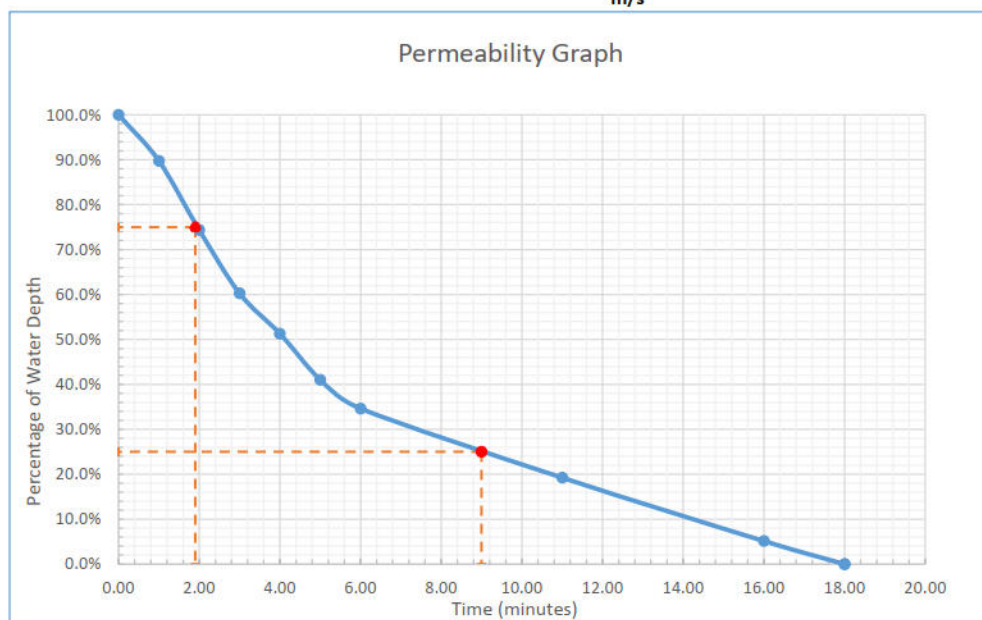
Pit Size		Time in mins	
Length	2.10	1.9	75%
Width	0.60	9	25%
Depth	1.70		

Infiltration Rate

from 75%-25%

3.43E-04

m/s



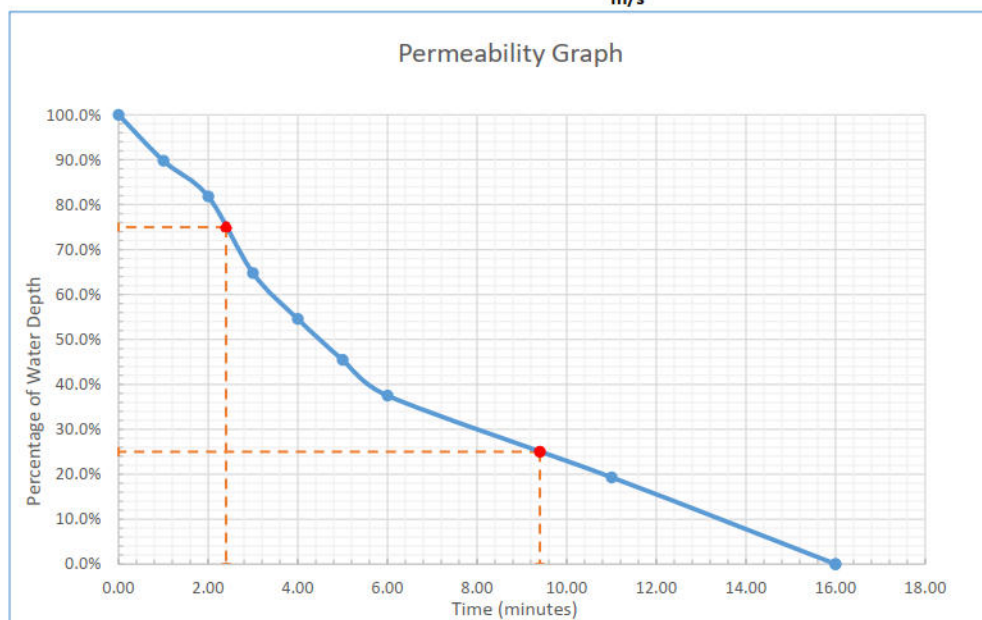
constructiveevaluation
site investigation • building pathology

Trial Hole: TP108

Test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	3.58E-04
		m/s



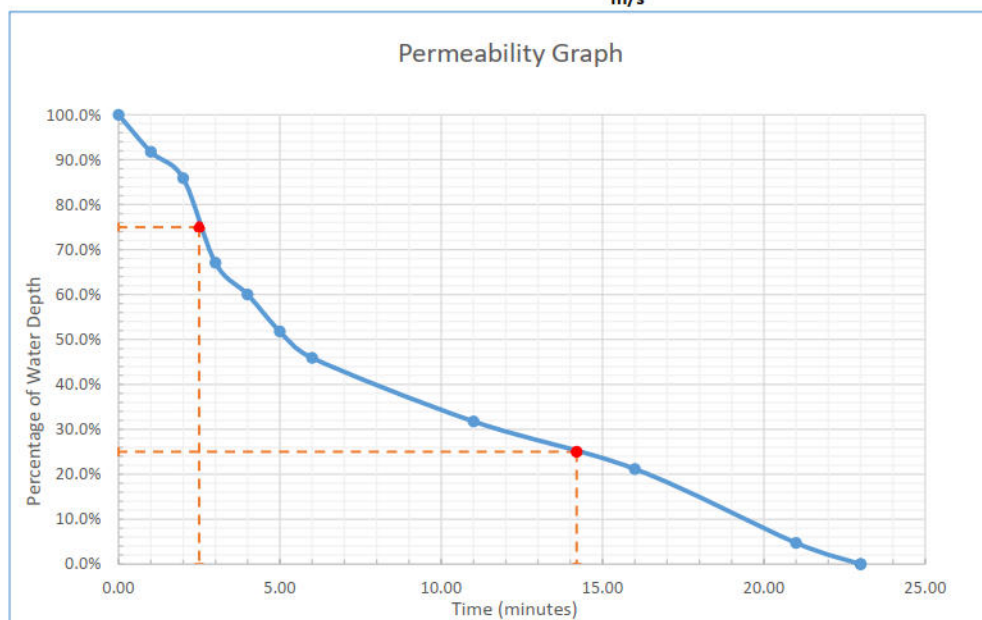
constructiveevaluation
site investigation • building pathology

Trial Hole: TP108

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	2.11E-04
		m/s



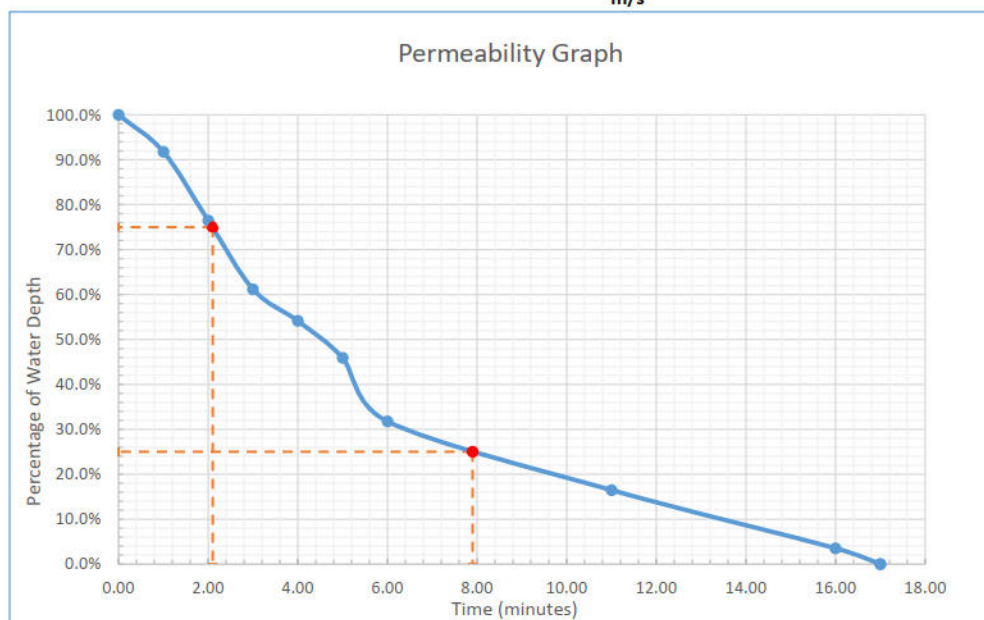
constructiveevaluation
site investigation • building pathology

Trial Hole: TP108

Test 3

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	4.27E-04
		m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP109

Test 1

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

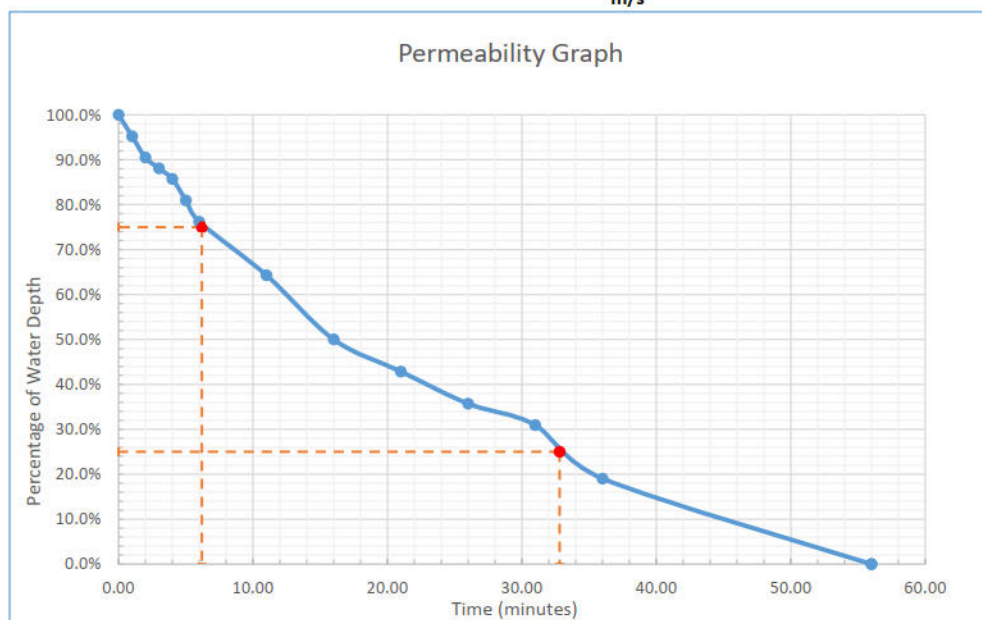
Pit Size		Time in mins	
Length	2.00	6.2	75%
Width	0.60	32.8	25%
Depth	0.70		

Infiltration Rate

from 75%-25%

6.88895E-05

m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP109

Test 2

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

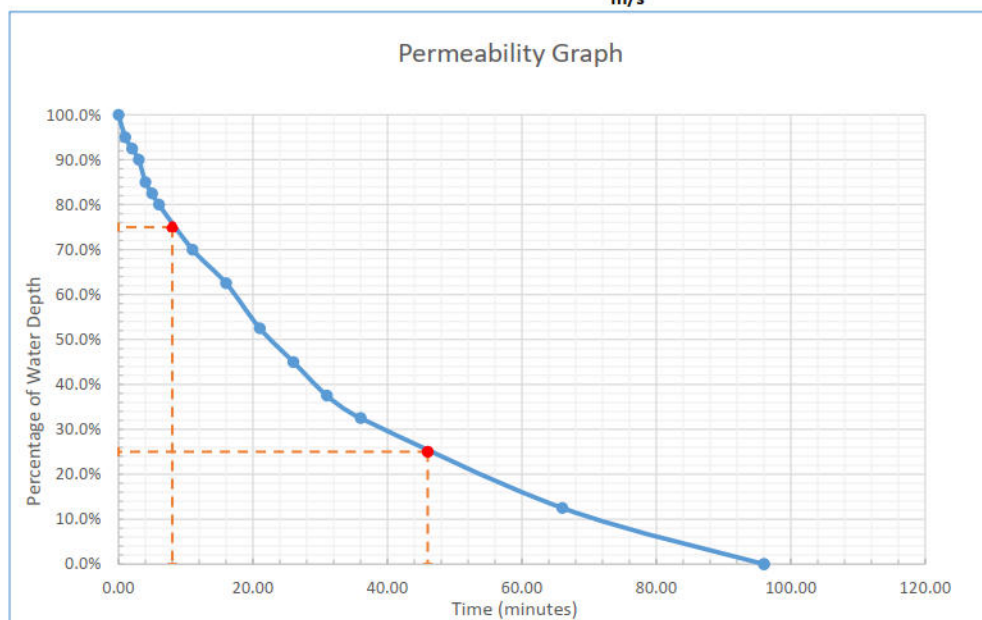
Pit Size		Time in mins	
Length	2.00	8	75%
Width	0.60	46	25%
Depth	0.70		

Infiltration Rate

from 75%-25%

4.69925E-05

m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP109

Test 3

[illegible]

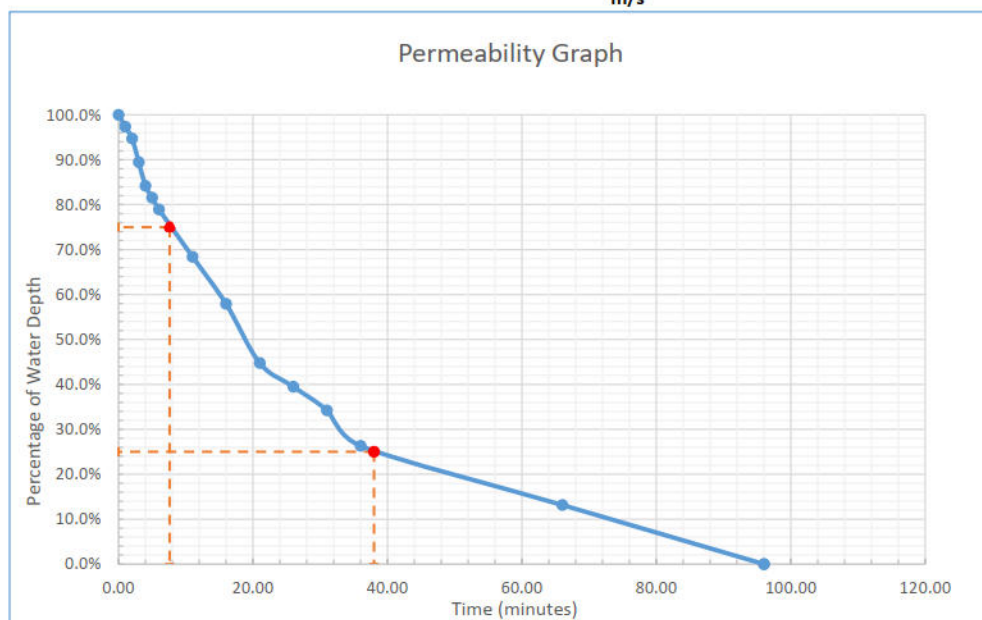
INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

Pit Size		Time in mins	
Length	2.00	7.6	75%
Width	0.60	38	25%
Depth	0.70		

Infiltration Rate from 75%-25%

5.71298E-05

m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP01

Test 1

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

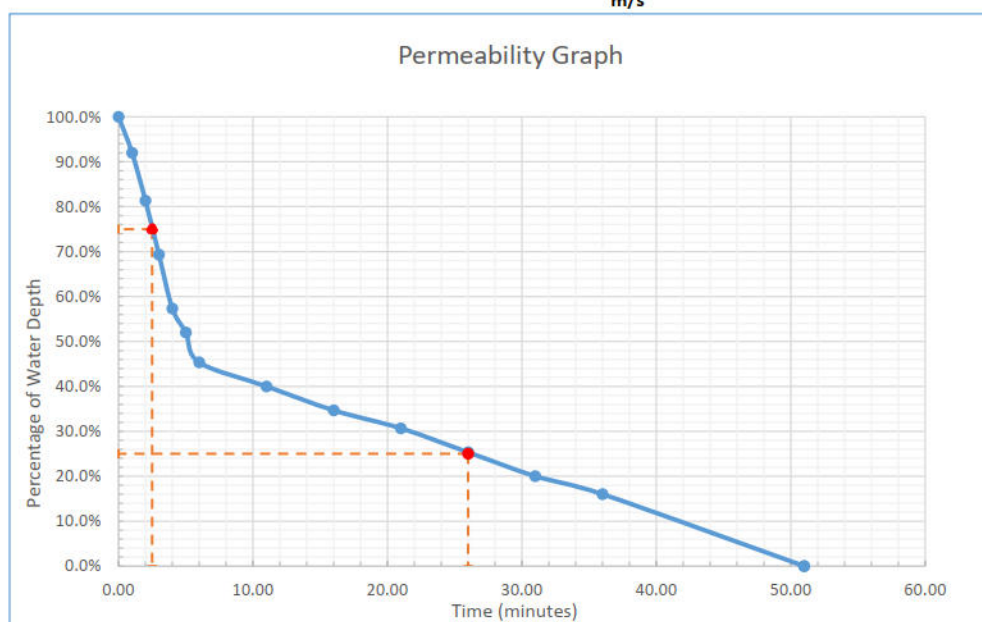
Pit Size		Time in mins	
Length	1.90	2.5	75%
Width	0.70	26	25%
Depth	1.60		

Infiltration Rate

from 75%-25%

1.08E-04

m/s



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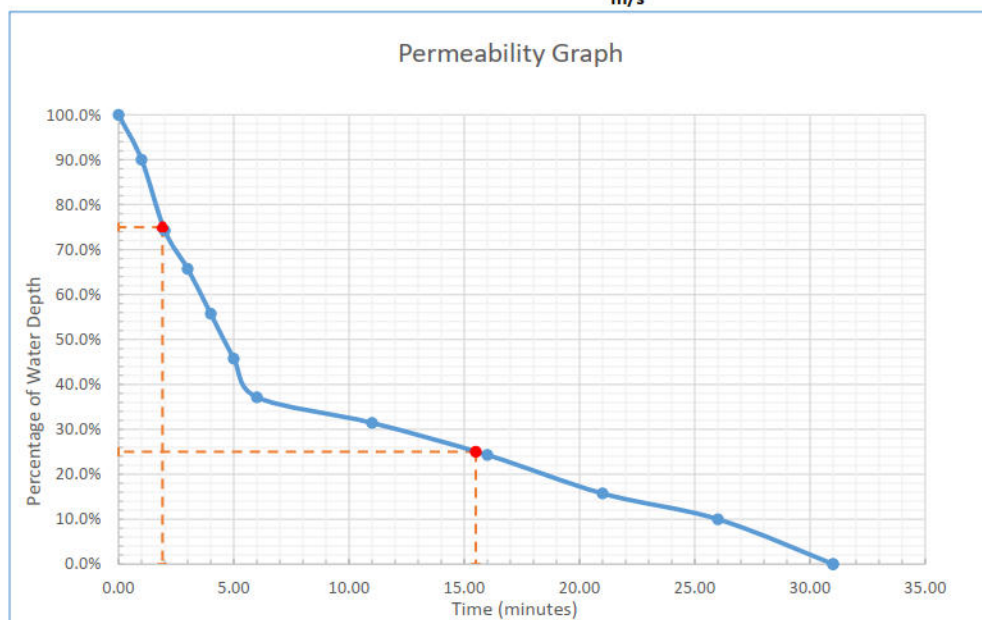
Trial Hole: TP01

Test 2

Ref: CE25.2088

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.81E-04
		m/s



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Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP01

Test 3

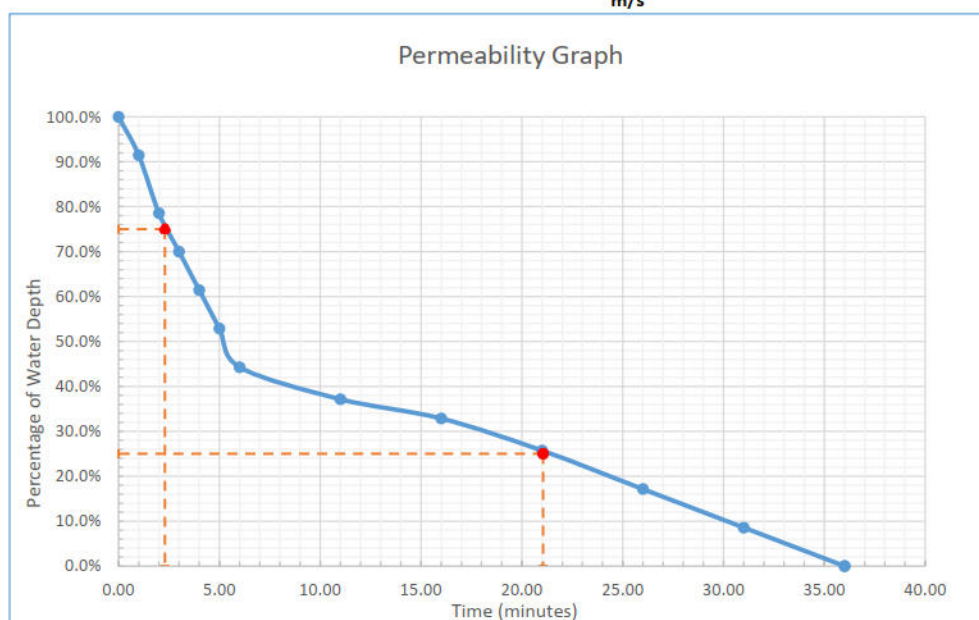
[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

Pit Size		Time in mins	
Length	1.90	2.3	75%
Width	0.70	21.05	25%
Depth	1.60		

Infiltration Rate from 75%-25%

1.31E-04
m/s



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Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP02

Test 1

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

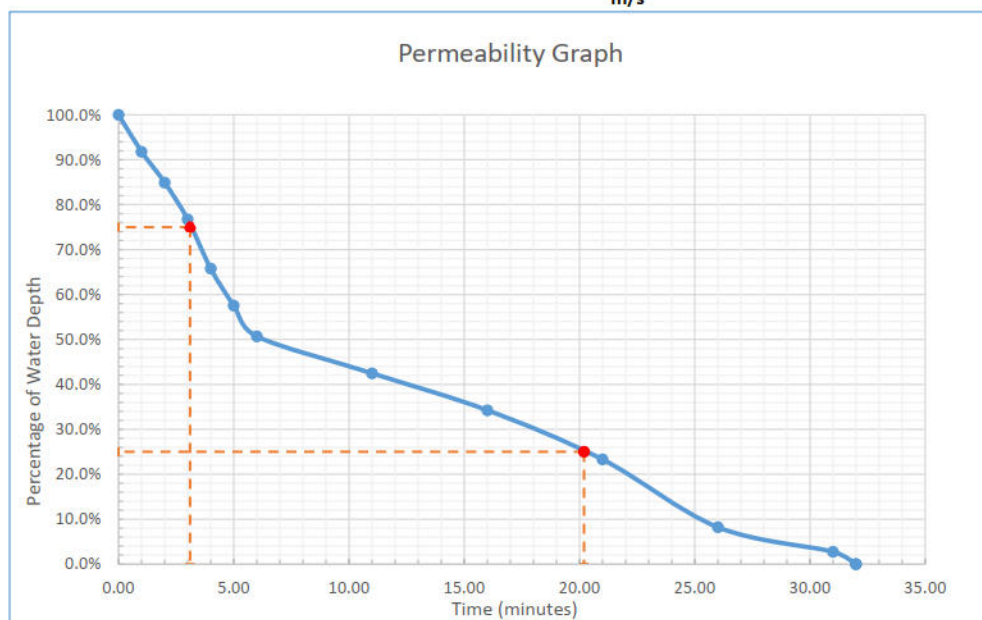
Pit Size		Time in mins	
Length	1.90	3.1	75%
Width	0.70	20.2	25%
Depth	1.60		

Infiltration Rate

from 75%-25%

1.47E-04

m/s



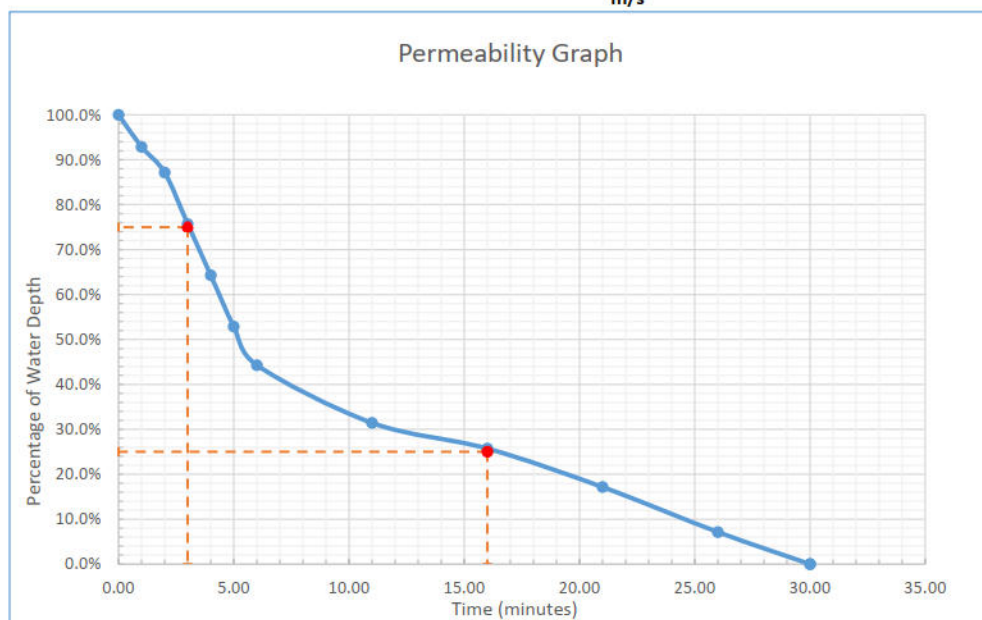
constructiveevaluation
site investigation • building pathology

Trial Hole: TP02

Test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	1.89E-04
		m/s



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site investigation • building pathology

Site: Hill View, Eastergate

Ref: CE25.2088

Trial Hole: TP02

Test 3

[illegible]

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

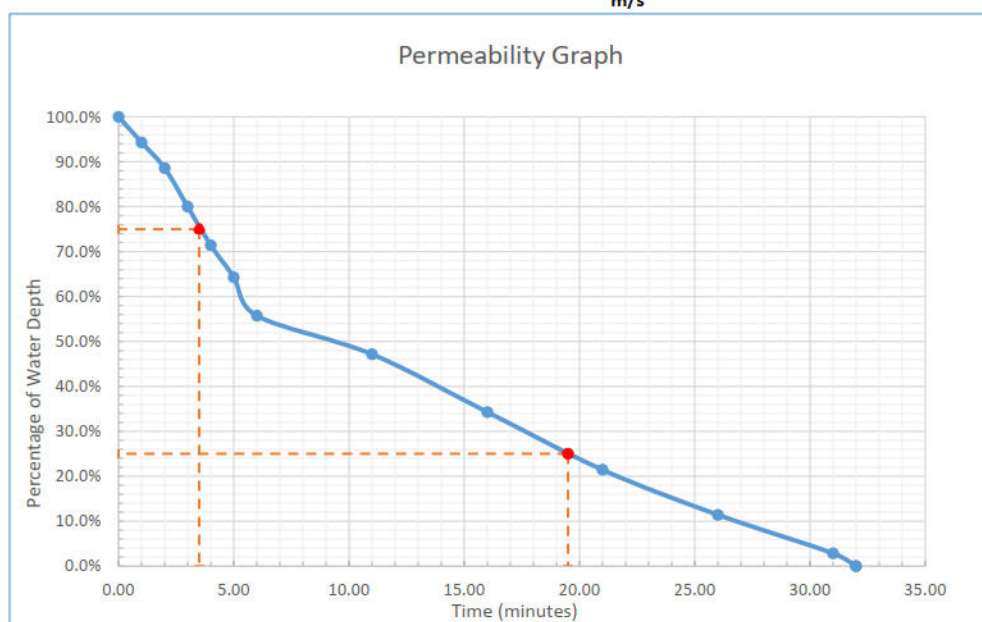
Pit Size		Time in mins	
Length	1.90	3.5	75%
Width	0.70	19.5	25%
Depth	1.60		

Infiltration Rate

from 75%-25%

1.54E-04

m/s



CONTINUED GROUNDWATER MONITORING
AT
HILLVIEW AND WAYSIDE, EASTERGATE LANE, EASTERGATE
FOR
EASTMERE PADDOCKS LTD

G6737-3

16 April 2026

DOCUMENT CONTROL

Report Title: Continued Groundwater Monitoring at Hillview and Wayside,
Eastergate Lane, Eastergate

Report No./ Issue: G6737-3-01/1

Report Status: Issued for Client Comment

Distribution: Eastmere Paddocks Ltd PDF copy 16 April 2026

BP 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

Phone/Fa



CONTENTS

1.0 Introduction

Appendices:

Groundwater Monitoring Charts

Exploratory Hole Locations Plan

1.0 INTRODUCTION

- 1.1 Ground Management Ltd (GML) have carried out continued groundwater monitoring at Hillview and Wayside, Eastergate Lane, Eastergate to inform the design of drainage for a proposed residential development on the site.
- 1.2 The scope of work was defined by the Client and comprised weekly monitoring, throughout March 2026, of groundwater levels within four standpipes, referenced as BH1, BH2, BH101 and BH102, that had been installed and previously monitored by Constructive Evaluation Ltd.
- 1.3 The standpipes had been installed within boreholes excavated on 15 & 16/10/25. Constructive Evaluation's borehole location plan (copy appended) and groundwater observations up to 23/2/26 were provided by the Client.
- 1.4 Groundwater observations have been combined with those of Constructive Evaluation Ltd and are presented on the attached table and charts.
- 1.5 The peak groundwater levels observed during monitoring from October 2025 to March 2026 are presented in Table 1 below:

	BH1	BH2	BH101	BH102
Depth to groundwater (m bgl)	2.50	2.42	1.75	2.36
Level of groundwater (m AOD)	14.20	13.83	14.40	13.72
Date	12/2/26	12/2/26	12/2/26	12/2/26

Table 1 : Summary of Peak Groundwater Observations

- 1.6 The work was carried out under on behalf of Eastmere Paddocks Ltd 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.

Project No: G6737-3
Hillview and Wayside, Eastergate Lane, Eastergate PO20 3SJ
26-Mar-26

		BH01	BH02	BH101	BH102
Upstand (m)		0.050	0.050	0.250	0.300
Ground Level (mAOD)		16.698	16.253	16.145	16.080
Cover level (mAOD)					
Base dip (m)					

mAOD: metres Above Ordnance Datum

Ground levels taken from Constructive Evaluation Ltd's Report

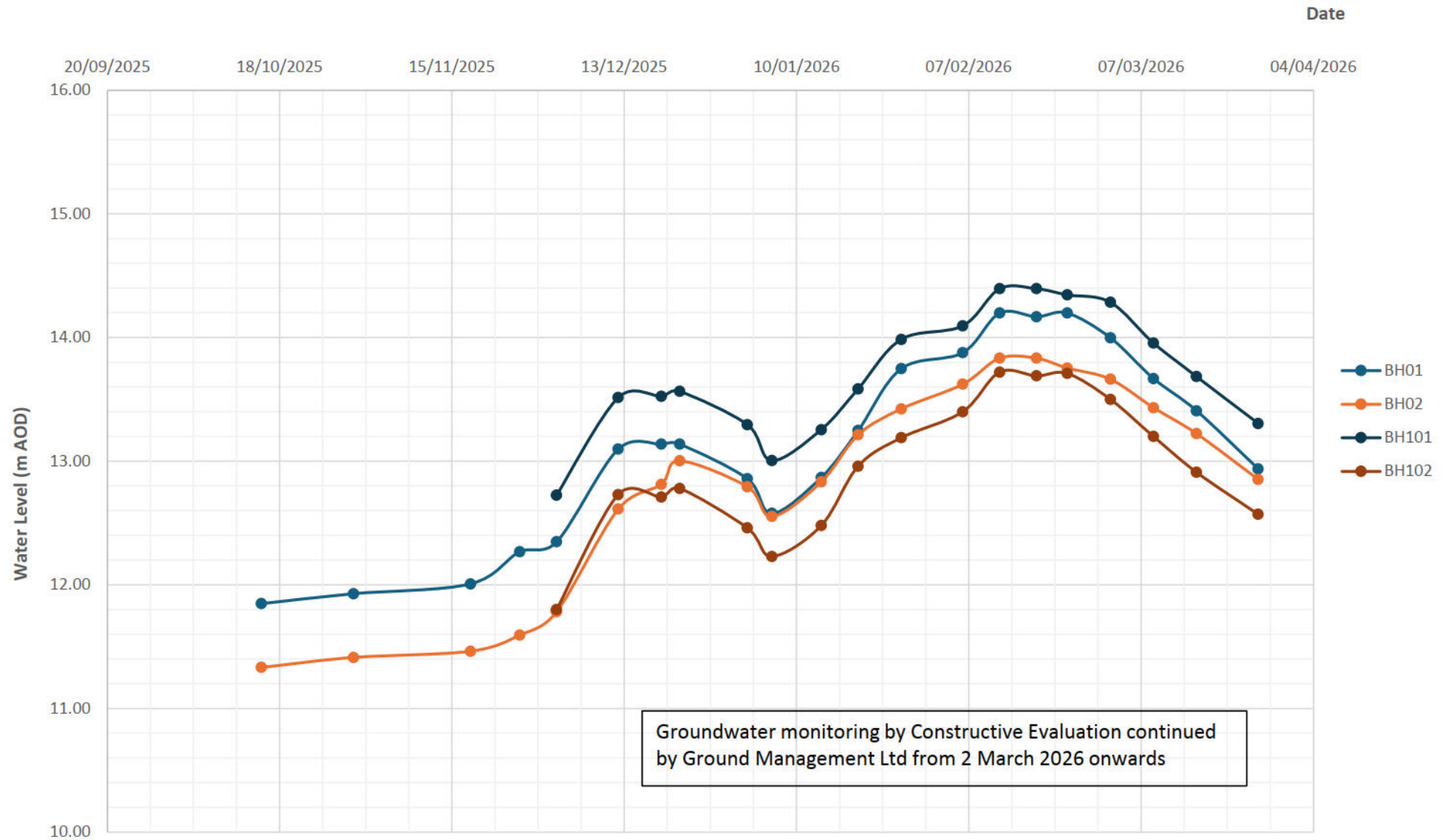
[illegible]

G6737-3 Hillview and Wayside, Eastergate Lane
Groundwater level monitoring - relative to ground level

Date



G6737-3 Hillview and Wayside, Eastergate Lane Groundwater level monitoring - relative to Ordnance Datum





Units 15 & 16, Ford Lane Business Park,
Ford, Arundel BN18 0UZ

Client Eastmere Paddocks Ltd

Project CE25.1632 - Hill View, Eastergate Lane,
Eastergate, PO20 3SJ

Title Site Investigation Plan

Dimension	Size	Geolocation
m	A4	494851 , 106027

Legend

-  Site Boundary
-  Borehole with standpipe installation
-  Trial pits (0.70mbgl)
-  Trial Pits (1.70mbgl)
-  Existing Trial Pits

0 10 20 30 40 m



Figure 3

Appendix D Southern Water Public Sewer Records



(c) Crown copyright and database rights 2025 Ordnance Survey AC0000808122 Date: 13/05/25 Scale: 1:1250 Map Centre: 494858,106055 Data updated: 20/03/25 Our Ref: 1767544 - 1 Wastewater Plan A3
Powered by digdat

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2025 Ordnance Survey AC0000808122. This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.

searches@bpcivils.co.uk
D2380



