



Groundwater Monitoring Report

at
Holly Drive, Wick, Littlehampton, West Sussex BN17 6LB

for
Persimmon Homes (Thames Valley)

Reference: 22276/GWM RevI.0
April 2026

Control Document

Project

Holly Drive, Wick, Littlehampton, West Sussex BN17 6LB

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Final

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[REDACTED]

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This is not a valid document for use in the design of the project unless it is titled Final in the document status box.

Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.



Commission

This document comprises the Groundwater Monitoring Report (GWM) and incorporates the results of the monitoring works. General site data is recorded below:

Commission Record	
Client:	Persimmon Homes (Thames Valley)
Site Name:	Holly Drive, Wick, Littlehampton, West Sussex BN17 6LB
Grid Reference:	TQ 031 037
Soils Limited Quotation Ref:	Q30733, dated 4 th December 2025.
Clients Purchase Order:	519-Soils-8366-6211-23.12.25-AY, dated 23 rd December 2025

The record of revision to this document is presented below:

Record Of Revisions		
Revision	Date	Reason
Rev I.0	April 2026	Final

Note(s): The latest revised document supersedes all previous revisions of the GWM produced by Soils Limited.

Documents associated with this development that must be referred to are given below.

Record Of Associated Documents			
Reference	Type	Date	Creator
22064/LR	Letter Report	Nov 25	Soils Limited
22064/GIR Rev I.0	Ground Investigation Report	Dec 25	
51111/NMA/100	Drawing	Mar 24	Persimmon Homes (Thames Valley)
22276/SR Rev I.0	Soakage Report	Feb 2026	Soils Limited

Limitations and Disclaimers

The report was prepared solely for the brief described in Section 1.1 of this report.

The contents, recommendations and advice given in the report are subject to the Terms and Conditions given in Soils Limited's Quotation

Soils Limited disclaims any responsibility to the Client and others in respect of any matters outside the scope of the above.

This report has been prepared by Soils Limited, with all reasonable skill, care and diligence within the terms of the Contract with the Client, incorporation of our General Conditions of Contract of Business and taking into account the resources devoted to us by agreement with the Client.

The report is personal and confidential to the Client and Soils Limited accept no responsibility of whatever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report wholly at its own risk.

The Client may not assign the benefit of the report or any part to any third party without the written consent of Soils Limited.

The ground is a product of continuing natural and artificial processes. As a result, the ground will exhibit a variety of characteristics that vary from place to place across a site, and also with time. Whilst a ground investigation will mitigate to a greater or lesser degree against the resulting risk from variation, the risks cannot be eliminated.

The investigation was prepared for the sole benefit of the Client in accordance with their brief. As such these do not necessarily address all aspects of ground behaviour at the site.

Current regulations and good practice were used in the preparation of this report.

If the term "competent person" is used in this report or any Soils Limited document, it means an engineering geologist or civil engineer with a minimum of three years post graduate experience in the understanding and application of the appropriate codes of practice.

Within the report reference to ground level relates to the site level at the time of the investigation, unless otherwise stated.

Exploratory hole is a generic term used to describe a method of direct investigation. The term trial pit, borehole or window sample borehole implies the specific technique used to produce an exploratory hole.

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Section I Introduction

1.1 Objective of Investigation

The Client commissioned Soils Limited to undertake an intrusive ground investigation and to prepare a Groundwater Monitoring Report to supply the Client and their designers with information regarding ground and groundwater conditions.

Previous investigation works (Phases A and B) were undertaken on site by Soils Limited as presented in a Ground Investigation Report (ref: 22064/GIR Rev1.0, dated December 2025).

The recent investigation works (Phase C) were undertaken on site by Soils Limited in January 2026, as presented in an Infiltration Report (ref: 22276/SR Rev1.0, dated February 2026) this report.

1.2 Site Description

At the time of the intrusive investigation the site comprised an approximately rectangular shaped plot of generally flat and level land with its long axis oriented in a north-south direction, comprising open fields covered in grass.

The site was bordered by Nightingale Way viaduct to its immediate west and by railway land to its north; low-rise residential properties were noted to the immediate east and south. An access road at a slightly lower elevation than the site (circa 1.0m), located approximately halfway along its eastern boundary was connected to Holly Drive shown further to the east.

1.3 Proposed Development

The proposed development is to comprise a number of allotments with a limited area, approximately at the centre, to be used as driveway/parking bays.

This report relies on the documents list in the Record Of Associated Documents and recommendations apply only to this scheme. Any changes require consultation with Soils Limited.

1.4 Anticipated Geology

The 1:50,000 BGS map showed the site to be located on the bedrock New Pit Chalk Formation with overlying superficial River Terrace Deposits.

1.4.1 River Terrace Deposits

The rivers of the south-east of England, including the River Thames and its tributaries, have been subject to at least three changes of level since Pleistocene times. One result has been the formation of a complex series of River Terrace Deposits. These terraces represent ancient floodplain deposits that became isolated as the river cut downwards to lower levels. The composition of the River Terrace Deposits varies greatly, depending

on the source material available in the river's catchment. Deposits generally consist of sand and gravel of roughly bedded flint or chert commonly in a matrix of silt and clay.

1.4.2 New Pit Chalk Formation

The Newhaven Chalk Formation is a soft white friable microporous limestone composed of coccolith biomicrites with a varying proportion of larger shell fragments.

At various levels clay sized material occurs as marl seams and partings. Close to the surface the upper few metres are invariably discoloured brown, due to leaching from the overlying strata. The interface with any overlying stratum is invariably extremely irregular as a result of localised weathering and general solution. Weathering by frost action may extend to a depth of several metres.

Chalk is a weak rock and as such it should be noted that the drilling, excavating and sampling process is detrimental to its fabric and structure. Chalk samples that have been machine sampled will therefore appear to be of a lower descriptive grade, as given in CIRIA C574, than the in-situ chalk. Soil sampling and visual observations from open excavations i.e. trial pits would allow chalk description and classification in accordance with CIRIA 574 including commenting for any aperture and discontinuities in the chalk structure.

Occasional erosional features, such as pipes, swallow holes and solution cavities, usually in-filled with drift deposits, are found in the chalk. The features sometimes manifest themselves at the surface as shallow circular depressions. Solution features may be reactivated by the concentrated ingress of water from leaking drains or soakaways. Reactivation may lead to surface collapse

CIRIA C574 states that the presence of dissolution features should always be assumed when designing foundations for all sites underlain by calcium carbonate rich chalk.

Section 2 Site Works

2.1 Project Works

Previous investigation works (Phase A and B) were undertaken on site by Soils Limited and presented in a Ground Investigation Report (ref: 22064/GIR Rev1.0, dated December 2025), comprising:

- Phase A: On 24th October 2025 comprising windowless sampler boreholes WS1-WS4 including well installations (WS2-WS3) and 10no post-works groundwater monitoring visits
- Phase B: Between 10th and 11th November 2025, comprising infiltration tests via machine-excavated trial pits (TPSK1-TPSK3, TP1-TP4 and TPA-TPC) and California Bearing Ratio (CBR) laboratory tests

The recent site works (Phase C) were undertaken in January 2026 by Soils Limited and presented in an Infiltration Report (ref: 22276/SR Rev1.0, dated February 2026), comprising:

- 1No. 16m deep cable percussion borehole (BH1)
- 1No. 6m deep windowless sampler borehole (WSA)
- Falling head tests within the cable percussion and windowless sampler boreholes
- 1No. monitoring well in the cable percussion borehole
- 9No. supplementary post-works groundwater monitoring visits from WS2-WS3 and BHA, as presented in this Groundwater Monitoring Report

The cable percussive borehole was backfilled with gravel and bentonite following the installation of a well for its full depth of 16m bgl.

All exploratory hole locations including WS2-WS3 and BH1-WSA undertaken in October 2025 (ref 22064) and in January 2026 respectively, are presented in Figure 3.

2.2 Ground Conditions

The ground conditions encountered are provided on the exploratory hole logs presented in Appendix B.1.

The soil conditions encountered were recorded and soil sampling commensurate with the purposes of the investigation was carried out. The depths given on the exploratory hole logs and quoted in this report were measured from ground level.

For more complete information about the soils encountered within the general area of the site reference must be made to the detailed records given within Appendix B, but for the purposes of discussion, the succession of conditions encountered in the exploratory holes in descending order can be summarised as:

Topsoil/Made Ground (TS/MG)
River Terrace Deposits (RTD)
New Pit Chalk Formation (NPCH)

The ground conditions are summarised in Table 2.1.

Table 2.1 Ground Conditions

Strata	Depth Encountered (m bgl)		Typical Thickness (m)	Typical Description
	Top	Bottom		
TS	GL	0.50	0.50	Soft brown CLAY with rare gravel of fine to medium subrounded flint. Frequent rootlets
MG		0.50	0.50	Soft becoming firm, brown slightly gravelly CLAY with glass, brick, sandstone, flint, charcoal and rare ceramics. Rare cobbles of brick. Rare patches of yellow fine sand. Frequent rootlets
RTD	0.50	5.20 - 5.50	4.80	Firm becoming soft, orangish brown slightly sandy CLAY.
NPCH	5.20 - 5.50	6.00 ^{1,2} – 16.00 ^{1,2}	Not proven	Structureless CHALK.

Note(s): ¹ Final depth of exploratory hole. ² Base of strata not encountered. The depths given were taken from the ground level adjacent to each exploratory hole at the time of investigation. BHI was situated at a circa 1.5m lower elevation than VWSA and VWS2-VWS3

Section 3 Groundwater Records and Monitoring

3.1 Groundwater Observations – Phases A and B

Groundwater was encountered only in TPC between 0.10m and 0.40m as a slight seepage that stopped after 20mins, which was considered to be perched. Groundwater levels vary seasonally, typically rising from September's low to March's high.

3.2 Groundwater Observations – Phase C

Groundwater was recorded during drilling of the cable percussive borehole BH1 at a depth of 5.50m bgl on the 19th January 2026. However, it must be mentioned that water was added during drilling to facilitate the process through the granular soils found between 2.8m and 5.2m bgl. On the morning of 20th January 2026, at the commencement of the day shift, the groundwater was noted at a depth of 5.40m bgl.

Groundwater was not observed during drilling of windowless sampler borehole WSA to a depth of 6m bgl, however the speed of drilling may have masked any groundwater strikes. It also must be mentioned that the ground elevation of WSA was circa 1.5m higher than the elevation of BH1.

Changes in groundwater level occur due to seasonal effects and variations in drainage. Groundwater levels vary seasonally, typically rising from September's low to March's high.

3.3 Groundwater Monitoring

Groundwater monitoring had initially been undertaken on a monthly basis between October 2025 and up to December 2025 within locations WS2 and WS3, as part of the Phase A investigation undertaken by Soils Limited (ref: 22064, October 2025). Following agreement with the client, the monitoring frequency was subsequently increased to a weekly basis for regulatory compliance, to also include the later installed BH1, up until March 2026.

33mm and 63mm standpipe piezometers were installed into each of the 2No. windowless sampler and 1No. cable percussive boreholes respectively, as detailed in Table 3.1.

Table 3.1 Monitoring Standpipe Locations

Hole No.	Diameter (mm)	Final Depth (m bgl)
WS2	33	3.00
WS3	33	3.00
BH1	63	15.00

Note(s): Diameter refers to the pipe's external diameter

The groundwater monitoring of the wells previously installed in the windowless sampler boreholes (WS2-WS3) and the well installed in BH1 between October 2025 and March 2026 comprised 19no visits in total and are detailed in Table 3.2.

Table 3.2 Groundwater Monitoring

Hole No.	Well Depth (m bgl)	Monitoring Dates									
		2025						2026			
		29.10	11.11	4.12	12.12	15.12	22.12	02.01	08.01	16.01	21.01
WS2	3.00	DRY	2.62	2.31	2.75	2.91	2.67	DRY	3.00	2.78	2.66
WS3	3.00	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Hole No.	Well Depth (m bgl)	Monitoring Dates									
		2026									
		28.01	05.02	12.02	20.02	27.02	05.03	12.03	18.03	27.03	
BH1	15.00	4.71	4.27	4.42	4.13	4.40	4.69	4.89	5.06	5.31	
WS2	3.00	2.59	2.60	2.62	2.63	2.84	3.00	3.00	3.00	DRY	
WS3	3.00	2.99	3.00	DRY	3.00	DRY	DRY	DRY	DRY	DRY	

3.4 Conclusions

As presented on the Groundwater Monitoring Graph, within Appendix D, across the monitoring period, groundwater levels generally followed the expected seasonal pattern of gradual recovery from November/December in WS2 and January in BH1 through late February, with levels becoming progressively shallower as winter recharge increases.

The data of BH1 showed broadly the same pattern, although groundwater levels remained deeper due to the borehole being drilled approximately 1.5m higher than WS2; when this elevation difference was considered, the relative groundwater behaviour between WS2 (limited data for WS3) and BH1 appeared to be consistent.

It must be mentioned that instead of continuing to rise into March, which is typically the period when groundwater levels are at their highest, the data show a reversal, with levels especially in BH1 and to a lesser degree in WS2 deepening again during March. This deviation from the expected seasonal maximum suggests that recharge during early spring was lower than normal. A likely explanation is that March was a notably dryer and warmer month compared to the long-term average for the South-East of England, including Littlehampton, West Sussex, thus resulting in reduced infiltration and a temporary decline in groundwater levels.

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Figure 1 – Site Location Map

Job Number

22276

Project

Holly Drive, Wick, Littlehampton, West Sussex
BN17 6LB

Client

Persimmon Homes (Thames Valley)

Date

April 2026



Figure 2 – Aerial Photograph

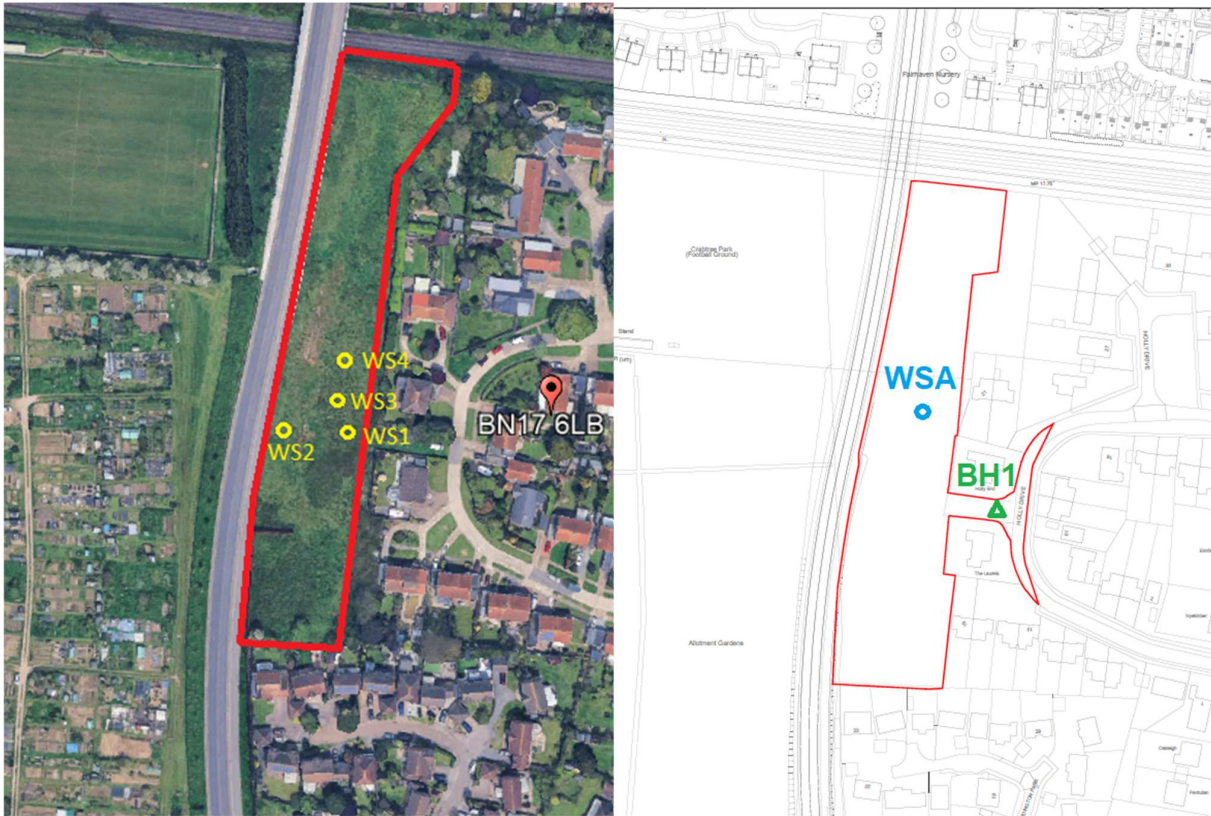


Job Number
22276

Project
Holly Drive, Wick, Littlehampton, West Sussex
BN17 6LB

Client
Persimmon Homes (Thames Valley)

Date
April 2026



WS locations Phase A – October 2025

WS and BH locations January 2026



Figure 3 – Exploratory Hole Plan

Job Number 22276	Project Holly Drive, Wick, Littlehampton, West Sussex BN17 6LB
Client Persimmon Homes (Thames Valley)	Date April 2026

Appendix A Standards and Resources

The site works and soil descriptions were undertaken in accordance with the following standards where applicable:

- BS 5930:2015+A1:2020
- Google Earth
- British Geological Survey Website & iGeology App

Appendix B Site Works

Appendix B.1 Exploratory Hole Logs

Borehole Log

BH1

Sheet 1 of 2

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly drive, Littlehampton	Project No. 22276		Start Date	End Date

Client	Consultant	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.50)		Soft brown CLAY with rare gravel of fine to medium subrounded flint. Frequent rootlets [TOPSOIL]
						0.50		Firm becoming soft, orangish brown slightly sandy CLAY. Sand is fine. No rootlets observed in uppermost sample (1.2m bgl.) [RIVER TERRACE DEPOSITS]
						(2.30)		Orangish brown slightly silty, sand and gravel. Sand is fine, rarely fine to coarse. Gravel is fine to medium subangular flint. Rare rootlets in sample at 4.2m bgl. [RIVER TERRACE DEPOSITS]
						2.80		Orangish brown slightly silty, sand and gravel. Sand is fine, rarely fine to coarse. Gravel is fine to medium subangular flint. Rare rootlets in sample at 4.2m bgl. [RIVER TERRACE DEPOSITS]
						(2.40)		Orangish brown slightly silty, sand and gravel. Sand is fine, rarely fine to coarse. Gravel is fine to medium subangular flint. Rare rootlets in sample at 4.2m bgl. [RIVER TERRACE DEPOSITS]
						5.20		Structureless CHALK. Recovered as slightly black speckled, white, angular to sub-angular, fine to coarse gravel sized weak to moderate chalk clasts in a comminuted silty matrix. [NEW PIT CHALK FORMATION]
						(10.80)		Structureless CHALK. Recovered as slightly black speckled, white, angular to sub-angular, fine to coarse gravel sized weak to moderate chalk clasts in a comminuted silty matrix. [NEW PIT CHALK FORMATION]

Continued on next page

Remarks Rootlets observed to 5.2m bgl. Water strike at 5.5m bgl, standing at 5.4m bgl on the following day	Method, Plant, Stability, Dimensions	Logger
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Borehole Log

BH1
Sheet 2 of 2

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly drive, Littlehampton	Project No. 22276		Start Date	End Date

Client	Consultant	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
								As previous page.
								10.5
								11.0
								11.5
								12.0
								12.5
								13.0
								13.5
								14.0
								14.5
								15.0
								15.5
								16.0
								16.5
								17.0
								17.5
								18.0
								18.5
								19.0
								19.5
								20.0

Remarks Rootlets observed to 5.2m bgl. Water strike at 5.5m bgl, standing at 5.4m bgl on the following day	Method, Plant, Stability, Dimensions	Logger
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Borehole Log

BH1
SUPPLEMENTARY INFO

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly drive, Littlehampton	Project No. 22276	Start Date	End Date	
Client	Consultant	Contractor		

Water Strike - General

Struck (m)	Seal Depth (m)	Casing Depth (m)	Date and Time	Remarks
5.50			19-Jan	Water strike at 5.5m bgl, standing at 5.4m bgl on the following day

Remarks Rootlets observed to 5.2m bgl. Water strike at 5.5m bgl, standing at 5.4m bgl on the following day	Method, Plant, Stability, Dimensions Logger
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Window Sampler

Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Littlehampton	Project No. 22276	Start Date	End Date	

Client	Consultant	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.10	D 0.1					Soft becoming firm, brown slightly gravelly CLAY with fine sand. Gravel is fine to coarse subangular glass, brick, sandstone, flint, charcoal and rare ceramics. Rare cobbles of brick. Rare patches of yellow fine sand. Frequent rootlets. [MADE GROUND]	0.5
		0.30	D 0.3			(0.50)			
		0.60	D 0.6			0.50			
		0.90	D 0.90					Firm brown slightly sandy CLAY. Sand is fine. Frequent decayed rootlets. [RIVER TERRACE DEPOSITS]	1.0
		1.40	D 1.40			(1.40)			1.5
		1.80	D 1.80						
		2.10	D 2.10			1.90		Soft to firm yellowish brown slightly sandy CLAY with rare fine to medium subangular gravel of flint. Sand is fine. Rare rootlets. [RIVER TERRACE DEPOSITS]	2.0
		2.60	D 2.60			(1.00)			2.5
		3.10	D 3.10			2.90		Soft to firm yellowish brown mottled brownish grey sandy, CLAY with gravel of medium subrounded flint and rarely chalk. Occasional pockets of fine clayey sand. [RIVER TERRACE DEPOSITS]	3.0
		3.50	D 3.50			(0.70)			3.5
		3.70	D 3.70			3.60		Orangish brown clayey fine SAND with gravel of subrounded medium flint. Occasional pockets of fine sandy clay. [RIVER TERRACE DEPOSITS]	4.0
		4.20	D 4.20			(0.70)			
		4.50	D 4.50			4.30		Firm brownish grey slightly sandy CLAY with gravel of subrounded fine to medium flint and rare chalk. Sand is fine. [RIVER TERRACE DEPOSITS]	4.5
		4.80	D 4.80			(0.60)			
		5.30	D 5.30			4.90		Firm orangish brown slightly sandy CLAY with rare gravel of subrounded fine to medium flint and rare chalk. Sand is fine. [RIVER TERRACE DEPOSITS]	5.0
		5.60	D 5.60			(0.60)		Thin layer of dark orangish brown clayey fine SAND. (4.90 - 5.00m)	5.5
						5.50		Structureless CHALK. Recovered as slightly black speckled, white, angular to sub-angular, fine to coarse gravel sized weak to moderate chalk clasts in a comminuted silty matrix. [NEW PIT CHALK FORMATION]	6.0
						(0.50)		Thin layer of light brown gravelly SILT. Gravel is fine to medium subrounded chalk. HEAD DEPOSIT overlying chalk. (5.50 - 5.60m)	6.5
						6.00		End of Borehole at 6.00m	7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Rootlets observed down to 2.9m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions	Logger
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Window Sampler

WSA
SUPPLEMENTARY INFO

Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Littlehampton	Project No. 22276		Start Date	End Date
Client	Consultant		Contractor	

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		
	D		

Remarks Rootlets observed down to 2.9m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions Logger
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Window Sampler

Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly Drive	Project No. 22064	Start Date	End Date	

Client	Consultant NS	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.10) 0.10 (0.20) 0.30		Firm brown mottled dark brown slightly silty slightly sandy gravelly CLAY. Gravel is subrounded rounded fine to medium flint. Sand is fine. Occasional rootlets. [MADE GROUND]	0.5
						(0.70) 1.00		Firm dark brown mottled brown slightly silty slightly sandy gravelly CLAY. Gravel is angular to rounded fine to coarse concrete and flint. Sand is fine. Occasional rootlets. [MADE GROUND]	1.0
						(1.10) 2.10		Stiff brown mottled orangish brown slightly gravelly sandy CLAY. Gravel is subangular to rounded flint and rare fine to medium black speckled chalk. Occasional rootlets. [RIVER TERRACE DEPOSITS]	1.5
						(0.90) 3.00		Firm redish brown slightly sandy silty CLAY. Sand is fine. Rare rootlets to 1.4m bgl. [RIVER TERRACE DEPOSITS]	2.0
								Firm orangish brown slightly sandy slightly gravelly silty CLAY. Gravel is rounded medium flint. Sand is fine. [RIVER TERRACE DEPOSITS]	2.5
								End of Borehole at 3.00m	3.0
									3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Rootlets encountered to 1.4m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions	Logger
---	--------------------------------------	--------

Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly Drive	Project No. 22064		Start Date	End Date

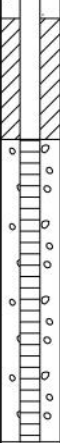
Client	Consultant NS	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.60)		Firm brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse flint and brick. Sand is fine to coarse. Rare rootlets. [MADE GROUND]	0.5
						0.60		Firm greyish brown mottled reddish brown slightly gravelly slightly silty sandy CLAY. Sand is fine. Gravel is subrounded to rounded fine to medium flint. Rare rootlets.	1.0
						1.10		Stiff brown mottled greyish brown slightly gravelly slightly silty sandy CLAY. Sand is fine. Gravel is subangular to subrounded fine to medium flint. Occasional rootlets.	1.5
						(1.00)		[RIVER TERRACE DEPOSITS]	2.0
						2.10		Firm orangish brown slightly sandy slightly gravelly silty CLAY. Gravel is rounded medium flint. Sand is fine. Rare rootlets.	2.5
						(0.80)		[RIVER TERRACE DEPOSITS]	3.0
						2.90	End of Borehole at 2.90m		3.0
									3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Rootlets encountered to 2.9m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions	Logger
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Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly Drive	Project No. 22064		Start Date	End Date

Client	Consultant NS	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m)	Strata	
		Depth (m)	Type/ Ref	Results			Legend	Description
						(0.60)		Firm brown mottled dark brown slightly gravelly slightly sandy silty CLAY. Sand is fine. Gravel is subrounded to rounded fine to medium flint and rare chalk. Rare rootlets. [MADE GROUND]
						0.60		
						(0.50)		Stiff brown mottled yellowish brown slightly sandy slightly gravelly silty CLAY. Sand is fine. Gravel is rounded medium flint. Frequent rootlets. [RIVER TERRACE DEPOSITS]
						1.10		
						(1.10)		Stiff brown yellowish brown slightly gravelly slightly sandy silty CLAY. Sand is fine. Gravel is subrounded fine to medium flint. [RIVER TERRACE DEPOSITS]
						2.20		
						(0.60)		Stiff brown to yellowish brown slightly gravelly sandy silty CLAY. Sand is fine becoming fine to medium between 2.7-2.8m bgl. Sand content increases with depth. Gravel is fine subangular to subrounded flint. [RIVER TERRACE DEPOSITS]
						2.80		
						(0.20)		Unit above grades into higher sand contnet, reaching a lense/thin bed of clayey sand. Sand is fine to medium. (2.75 - 2.80m)
						3.00		
								Stiff yellowish brown mottled orangish brown slightly sandy slightly silty slightly gravelly CLAY. Gravel is rounded fine to medium flint. [RIVER TERRACE DEPOSITS]
								End of Borehole at 3.00m

Remarks Rootlets encountered to 1.1m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions	Logger
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Window Sampler

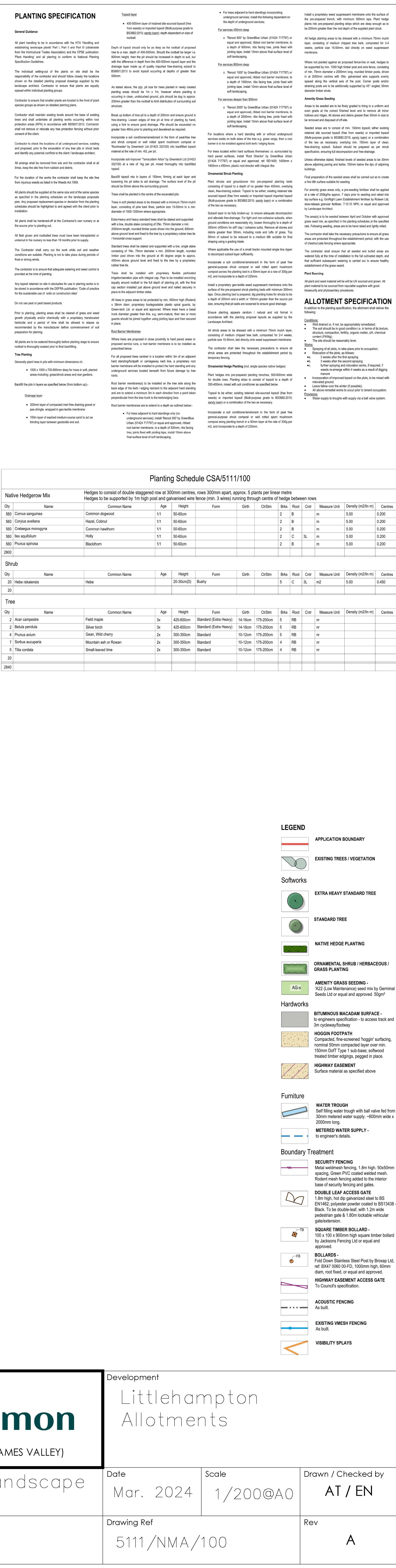
Hole Type WS	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Holly Drive	Project No. 22064	Start Date	End Date	

Client	Consultant NS	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.50)		Firm brown mottled dark brown slightly sandy slightly gravelly silty CLAY. Gravel is subangular to rounded fine to medium flint. Sand is fine. Occasional rootlets. Rare silt lenses.	0.5
						0.50		[TOPSOIL]	
						(1.40)		Firm reddish brown to brown slightly gravelly slightly sandy silty CLAY. Sand is fine. Gravel is subangular to subrounded fine to medium flint. Rare rootlets.	1.0
						1.90		[RIVER TERRACE DEPOSITS]	
						(1.00)		Thin silt lens matted with rootlets. (0.50 - 0.52m)	1.5
						2.90		Stiff yellowish brown slightly gravelly slightly sandy silty CLAY. Sand is fine. Gravel is subangular to rounded fine to medium flint.	2.0
						(0.10)		[RIVER TERRACE DEPOSITS]	2.5
						3.00		Stiff yellowish brown gravelly sandy CLAY. Sand is fine to medium. Gravel is subangular to subrounded sandstone flint.	3.0
								[RIVER TERRACE DEPOSITS]	3.5
								End of Borehole at 3.00m	3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

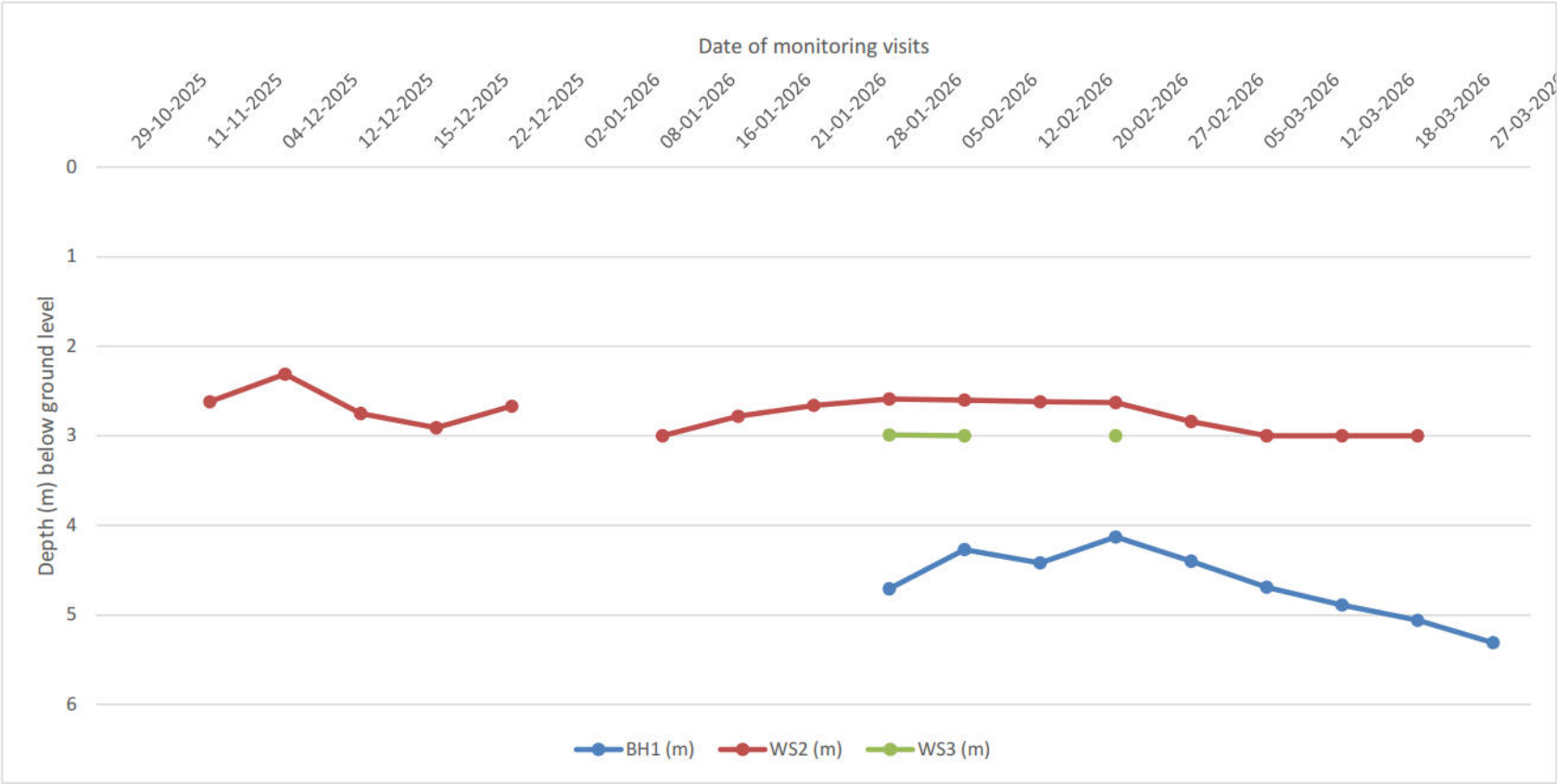
Remarks Rootlets encountered to 1.9m bgl. No groundwater recorded.	Method, Plant, Stability, Dimensions	Logger
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Appendix C Information Provided By The Client



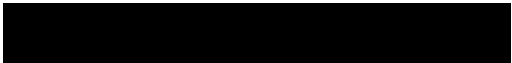
Development		
Littlehampton Allotments		
Date	Scale	Drawn / Checked by
Mar. 2024	1/200@A0	AT / EN
Drawing Ref		Rev
5111/NMA/100		A

Appendix D Groundwater Monitoring Graph



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