

31st March 2026

Our ref: GE23094/FG03/260331

Lucy Ormrod
Bloor Homes Southern
River Reach
Unit 7 Newbury Business Park
London Road
Newbury
Berkshire
RG14 2PS



By Email Only

Dear Lucy,

RE: Land South of Maddoxford Lane (Holly Tree Farm) – Winter Groundwater Monitoring

Geo-Environmental Services Limited (Geo-Environmental) was instructed by Bloor Homes Southern (the client) to undertake groundwater monitoring on the site over the winter period.

This letter report details the findings of the groundwater level monitoring carried out on the site between 3rd October 2025 and 18th March 2026.

Groundwater monitoring wells were installed within ten window sampling boreholes (WS01 – WS10) on site to depths of up to 4.00m below ground level (bgl) between 7th and 15th August 2025. An account of this work and the encountered ground conditions is included in the Ground Investigation Report for the site (ref. GE23094/GIR/OCT25v1.1). The response zones for the monitoring wells are summarised in Table 1.

Location	Top of Response Zone (m bgl)	Base of Response Zone (m bgl)	Response Zone Strata
WS01	1.00	4.00	London Clay Formation
WS02	1.00	4.00	River Terrace Deposits, Wittering Formation
WS03	1.00	4.50	London Clay Formation
WS04	1.00	4.00	River Terrace Deposits, Wittering Formation
WS05	1.00	4.25	River Terrace Deposits, London Clay Formation
WS06	1.00	4.00	Wittering Formation
WS07	1.00	4.00	River Terrace Deposits
WS08	1.00	4.00	River Terrace Deposits, Wittering Formation
WS09	1.00	4.00	River Terrace Deposits, Wittering Formation
WS10	1.00	4.00	River Terrace Deposits, Wittering Formation

Table 1 Monitoring Well Response Zones

Geo-Environmental Services Ltd
Unit 7, Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex, BN6 9GL
T: 01273 832 972 E: mail@gesl.net W: www.gesl.net

[Environmental Consultants](#) | [Geotechnical Engineers](#) | [Site Investigations](#)

Groundwater levels were monitored on six occasions as agreed with the Client. The spot monitoring identified groundwater in the majority of the monitoring wells during all visits. Table 2 below summarises the groundwater depths encountered.

Groundwater Depths (m bgl)						
	03/10/2025	06/11/2025	02/12/2025	12/01/2026	20/02/2026	18/03/2026
WS01	3.54	3.50	2.22	1.83	2.02	2.34
WS02	2.55	2.57	2.43	0.73	0.05	0.43
WS03	4.23	4.24	4.24	2.88	0.91	0.62
WS04	Dry	Dry	Dry	3.74	3.60	3.73
WS05	4.17	3.62	2.41	1.82	1.28	1.22
WS06	Dry	Dry	3.81	3.70	3.70	4.23
WS07	3.61	3.25	3.09	3.01	2.78	3.06
WS08	2.87	2.44	2.15	2.12	2.79	2.15
WS09	2.97	2.46	1.78	1.70	1.59	1.96
WS10	3.74	*	3.10	2.89	2.42	2.99

*unable to monitor - a car was parked over the monitoring well

Table 2 Summary of Recorded Groundwater Depths within Monitoring Wells

Groundwater levels at each monitoring location were recorded relative to Above Ordnance Datum (AOD). Table 3 below summarises the groundwater levels measured (in metres AOD).

Groundwater Levels (m AOD)						
	03/10/2025	06/11/2025	02/12/2025	12/01/2026	20/02/2026	18/03/2026
WS01	14.05	14.09	15.37	15.76	15.57	15.25
WS02	13.33	13.31	13.45	15.15	15.83	15.45
WS03	19.47	19.46	19.46	20.82	22.79	23.08
WS04	Dry	Dry	Dry	16.13	16.27	16.14
WS05	18.57	19.12	20.33	20.92	21.46	21.52
WS06	Dry	Dry	17.34	17.45	17.45	16.92
WS07	11.76	12.12	12.28	12.36	12.59	12.31
WS08	11.51	11.94	12.23	12.26	11.59	12.23
WS09	11.35	11.86	12.54	12.62	12.73	12.36
WS10	11.77	*	12.41	12.62	13.09	12.52

*unable to monitor - a car was parked over the monitoring well

Table 3 Summary of Recorded Groundwater Levels (m AOD) within Monitoring Wells

It should be noted that changes in groundwater and perched water levels do occur for a number of reasons including seasonal effects and variations in drainage. Such fluctuations may only be recorded by the measurement of the groundwater level within a series of standpipes or piezometers installed within appropriate response zones.

We trust we have interpreted your instructions correctly. Should you have any queries please do not hesitate to contact us.

Yours sincerely
For and on Behalf of Geo-Environmental Services Ltd

A handwritten signature in black ink, appearing to read 'F Goode', with a stylized flourish above the name.

FIONA GOODE BSc (Hons), MSc, FGS, MEnvSc, RSoBRA

Principal Engineer

Email: fiona.goode@gesl.net

Enc	Figure 1	Site Location Plan
	Figure 2	Exploratory Hole Location Plan
	Appendix A	Exploratory Hole Logs
	Appendix B	Groundwater Monitoring Results

FIGURES





Legend

□ Site Boundary (Holly Tree Farm)

0 50 m 100 m
© Mapbox


Geo-Environmental
Produced by **Datanest.earth**

Title: Site Location Plan

Client: Bloor Homes Southern		Size: A4
Project: Holly Tree Farm	Drawn: FG	Figure No.: 1
Date: 23-06-2025	Checked: FG	
Proj No: GE23094	Scale: 1:2884	Version: Final



- Legend**
- Site Boundary (Holly Tree Farm)
 - Cable Percussive Boreholes
 - Monitoring Wells
 - Soakage Testing
 - Trial Pits

0 25 m 50 m
© Mapbox



Geo-Environmental
Produced by **Datanest.earth**

Title: Exploratory Hole Locations

Client: Bloor Homes Southern Size: A4

Project: Holly Tree Farm Drawn: FG Figure No.: 3

Date: 23-06-2025 Checked: FG

Proj No: GE23094 Scale: 1:2534 Version: Final

APPENDIX A

Exploratory Hole Logs





www.gesl.net

Borehole Log

Borehole No.

BH01

Sheet 1 of 3

Project Name: Holly Tree Farm

Project No.
GE23094

Co-ords: 451561E - 114203N

Hole Type
CP

Location: Boorley Green

Level:	17.78
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Scale
1:50

Client: Bloor Homes Southern

Dates: 11/08/2025

Logged By
Driller

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.10	17.68		Topsoil TOPSOIL	
		0.80 1.00	B B		0.90	16.88		Firm orange brown very gravelly CLAY RIVER TERRACE DEPOSITS	1
		1.50 - 1.81 1.50	B C	N=50 (6,9/18,21,11,0)				Dense orange brown SAND and GRAVEL RIVER TERRACE DEPOSITS	2
		2.50 - 2.95 2.50	B C	N=43 (2,9/18,18,2,5)					
		3.00 3.00	B B		3.00	14.78		Medium dense yellowish brown clayey fine SAND WITTERING FORMATION	3
		3.50 - 3.95 3.50	B C	N=30 (3,3/4,5,9,12)					4
		4.50 - 4.95 4.50	B C	N=32 (3,5/5,5,10,12)					5
		5.50 - 5.95 5.50	B C	N=36 (3,5/7,8,9,12)					6
		7.00 - 7.45 7.00	B C	N=34 (3,6/6,7,9,12)					7
		8.50 - 8.95 8.50	B C	N=40 (3,5/6,9,9,16)					8
		10.00 - 10.45	B					9	
								10	
Continued on Next Sheet									
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks			 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to				
		8.00	6.00						

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH01 Sheet 2 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451561E - 114203N		Hole Type CP	
Location: Boorley Green				Level: 17.78		Scale 1:50	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By Driller	

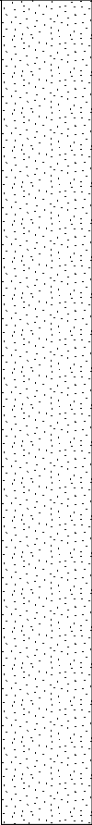
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		10.00	C	N=36 (3,5/7,7,10,12)	14.20	3.58		Medium dense yellowish brown clayey fine SAND WITTERING FORMATION		
		11.00 - 11.45	B							11
		11.50	C	N=40 (3,5/8,10,10,12)						12
		13.00 - 13.45	B							13
		13.00	C	N=37 (3,6/6,9,9,13)						14
		14.20	B							15
		14.50 - 14.95	B							16
		14.50	C	N=32 (3,6/6,7,9,10)						17
		16.00 - 16.45	B							18
		16.00	C	N=38 (3,6/7,9,10,12)						19
		17.50 - 17.95	B				Dense grey blue green fine SAND with pockets of Clay. WITTERING FORMATION			
		17.50	C	N=35 (3,6/6,7,9,13)		20				
		19.00 - 19.45	B							
		19.00	C	N=42 (3,9/9,10,11,12)						
Continued on Next Sheet										

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		8.00	6.00			



Status
FINAL

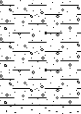
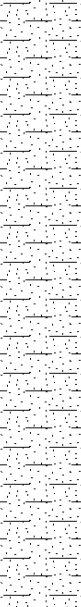
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Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451561E - 114203N		Hole Type CP	
Location: Boorley Green				Level: 17.78		Scale 1:50	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By Driller	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		20.50 20.50	B C	N=38 (3,6/6,8,10,14)	25.45	-7.67		Dense grey blue green fine SAND with pockets of Clay. WITTERING FORMATION	21
		22.00 - 22.45 22.00	B C	N=40 (6,7/7,9,12,12)					22
		23.50 - 23.95 23.50	B C	N=42 (6,8/8,9,12,13)					23
		25.00 - 25.45 25.00	B C	N=49 (9,10/10,12,12,15)					24
							End of Borehole at 25.45m	25	
								26	
								27	
								28	
								29	
								30	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		8.00	6.00			


 Status
 FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH02 Sheet 1 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451455E - 114281N		Hole Type CP	
Location: Boorley Green				Level: 20.97		Scale 1:50	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.50 - 1.00	B	N=9 (1,1/2,2,2,3)	0.30	20.67	 Topsoil TOPSOIL  Brown sandy CLAY with gravel/cobbles RIVER TERRACE DEPOSITS	1	
		1.20 - 1.70 1.20	B C		2.00	18.97			 Brown CLAY with some gravel WITTERING FORMATION
		2.00 - 2.50 2.00	B C	N=11 (1,1/2,2,3,4)	2.70	18.27	 Brown slightly clayey SAND WITTERING FORMATION	3	
		3.00 - 3.50 3.00	B C	N=13 (1,2/2,3,4,4)	4.30	16.67			 Brown slightly sandy gravelly CLAY WITTERING FORMATION
		4.00 - 4.00	D S	N=15 (1,2/4,4,4,3)	5.00	15.97	 Brown clayey SAND WITTERING FORMATION	5	
		4.50 - 5.00	B	N=12 (1,2/2,3,3,4)	6.00	6.00			D S
		5.00 - 5.00	B C				7.50 - 7.50	D S	
		6.00 - 6.00	D S	N=11 (1,2/3,2,3,3)	8	8	D S	N=28 (3,4/5,7,7,9)	9
		7.50 - 7.50	D S	N=18 (1,2/3,4,5,6)					
		8.00 - 8.00	D S	N=28 (3,4/5,7,7,9)	10	10	D S	N=28 (3,4/5,7,7,9)	
9.00 - 9.00	D S	N=28 (3,4/5,7,7,9)	10	10					D S
9.50 - 10.00	B								

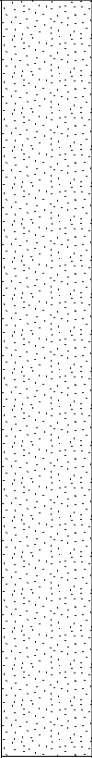
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		9.30	8.15				

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH02 Sheet 2 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451455E - 114281N		Hole Type CP	
Location: Boorley Green				Level: 20.97		Scale 1:50	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		10.50 10.50	D S	N=26 (2,3/4,6,7,9)				Grey silty SAND WITTERING FORMATION	11
		12.00 12.00	D S	N=32 (2,3/5,8,9,10)					12
		13.00 - 13.50	B						13
		13.50 13.50	D S	N=38 (2,4/6,9,11,12)					14
		15.00 15.00	D S	N=46 (2,5/8,10,13,15)					15
		16.00 - 16.50	B						16
		16.50 16.50	D S	N=41 (3,4/7,9,11,14)					17
		18.00 18.00	D S	N=39 (3,5/6,8,10,15)					18
		19.00 - 19.50	B						19
		19.50 19.50	D S	N=40 (4,5/7,9,11,13)					20
Continued on Next Sheet									

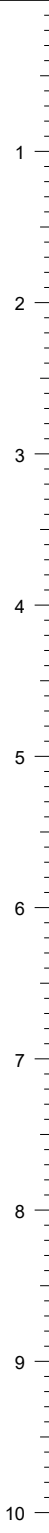
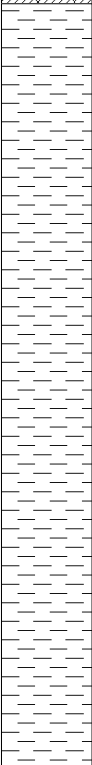
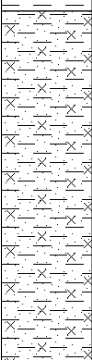
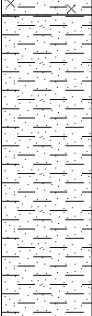
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		9.30	8.15				

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH02 Sheet 3 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451455E - 114281N		Hole Type CP	
Location: Boorley Green				Level: 20.97		Scale 1:50	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		21.00 21.00	D S	N=43 (3,4/7,9,12,15)				Grey silty SAND WITTERING FORMATION	21
		22.00 - 22.50	B						22
		22.50 22.50	D S	N=47 (4,6/8,10,13,16)					23
		24.00 - 24.50	B						24
		25.00 25.00	D S	N=50 (5,6/9,11,13,17)	25.00	-4.03		End of Borehole at 25.00m	25
									26
									27
									28
									29
									30

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		9.30	8.15				

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH03 Sheet 1 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451330E - 114127N		Hole Type CP	
Location: Boorley Green				Level: 21.10		Scale 1:50	
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10 - 0.50	B		0.50	20.60		Topsoil TOPSOIL		
		0.50 - 1.00	B					Soft mottled CLAY WITTERING FORMATION		
		1.20 1.20	D S	N=7 (1,0/1,1,2,3)						
		1.60 - 2.00	B							
		2.00 2.00	D S	N=9 (1,1/2,2,3,2)						
		2.50 - 22.50	D							
		3.00 3.00	D S	N=10 (1,1/2,2,3,3)						
		4.00 4.00	D S	N=14 (1,2/3,3,4,4)						
		4.50 - 5.00	B							
		5.00 5.00	D S	N=21 (2,3/4,5,6,6)						
		5.60 - 6.00	B							Medium dense blueish silty sandy CLAY WITTERING FORMATION
		6.00 6.00	D S	N=22 (2,4/4,5,6,7)						
		7.50 7.50	D S	N=37 (4,5/7,8,10,12)						
		8.00 - 8.50	B							Medium dense blueish sandy CLAY WITTERING FORMATION
		9.00 9.00	D S	N=36 (4,4/7,8,10,11)						
							Continued on Next Sheet		10	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		9.00	7.91			

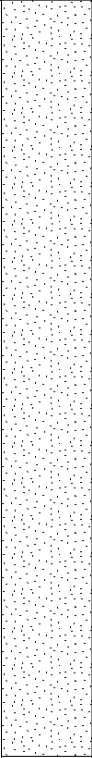

 Status
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 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. BH03 Sheet 2 of 3	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451330E - 114127N		Hole Type CP	
Location: Boorley Green				Level: 21.10		Scale 1:50	
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		10.50 10.50	D S	N=38 (4,7/7,9,10,12)	15.70	5.40		Medium dense blueish sandy CLAY WITTERING FORMATION	11
		12.00 12.00	D S	N=35 (3,5/6,8,10,11)					12
		13.00 - 13.50	B						13
		13.50 13.50	D S	N=40 (3,6/8,10,11,11)					14
		15.00 15.00	D S	N=40 (3,5/7,9,11,13)					15
		16.00 - 16.50	B						16
		16.50 16.50	D S	50 (5,9/10,12,15,13 for 60mm)					17
		18.00 18.00	D S	50 (5,7/9,13,16,12 for 55mm)					18
		19.00 - 19.50	B						19
		19.50 19.50	D S	50 (5,8/10,15,18,7 for 20mm)					20
Continued on Next Sheet									

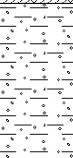
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		9.00	7.91				

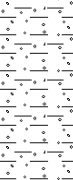
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Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451330E - 114127N		Hole Type CP	
Location: Boorley Green				Level: 21.10		Scale 1:50	
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		21.00 21.00	D S	50 (4,8/11,14,19,6 for 10mm)				Dense blueish SAND WITTERING FORMATION	21
		22.00 - 22.50	B						22
		22.50	S	50 (5,8/11,16,20,3 for 5mm)					23
		24.00 - 24.50	B						24
		25.00 25.00	D S	N=50 (4,7/11,17,22,0)	25.00	-3.90			25
							End of Borehole at 25.00m	26	
								27	
								28	
								29	
								30	

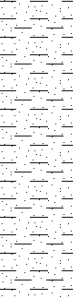
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	 Status FINAL
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		9.00	7.91				

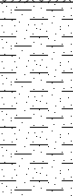
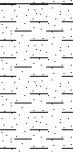
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA01			
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451297.4	Northing: 114050.5	Ground Level: 15.60mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log		Weather: Overcast, warm, dry		Hole Termination:		Stability: Sides stable				
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.10	ES1		15.45	0.15		Grass over dark brown sandy CLAY with frequent roots and rootlets TOPSOIL				
0.50	D1	PP=3kg/cm2		(0.45)		Firm to stiff brown and grey mottled CLAY with occasional rootlets LONDON CLAY			0.5	
		PP=2.1kg/cm2	15.00	0.60		Firm orange and grey mottled slightly sandy CLAY. Sand is fine LONDON CLAY <i>Clay land drain</i>			1.0	
1.50	D2	PP=1.8kg/cm2		(1.10)					1.5	
			13.90	1.70		Firm orange and grey mottled very sandy CLAY. Sand is fine LONDON CLAY			2.0	
2.00	D3	PP=2.4kg/cm2	13.60	2.00		End of Trial Pit at 2.00m			2.5	
									3.0	
									3.5	
Dimensions:					Photo:					
Final Depth:	2.00m									
Final Width:	0.60m									
Final Length:	2.00m									
Remarks										
Groundwater not encountered Soakage										
Water Strikes (mbgl)										
Depth Strike	Rose to				Time Elapsed (mins)					
										
PhotoofPit					PhotoofSpoil					

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA02		
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451367.6	Northing: 114206.8	Ground Level: 25.03mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry		Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.20	ES1	PP=4kg/cm2	24.78	0.25		Grass over dark brown gravelly CLAY with frequent roots and rootlets TOPSOIL		0.5	
0.50	D1			(0.55)		Stiff orange and grey mottled slightly gravelly CLAY with occasional rootlets possibly desiccated. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			
1.00	D2	PP=3.5kg/cm2	24.23	0.80		Stiff orange and grey mottled CLAY with rare flint gravel LONDON CLAY			
			24.03	1.00		End of Trial Pit at 1.00m		1.5	
								2.5	
								3.5	
Dimensions:					Photo:				
Final Depth:	1.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered Soakage									
Water Strikes (mbgl)									
Depth Strike		Rose to		Time Elapsed (mins)					

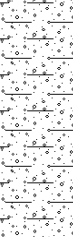
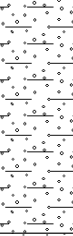
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA03			
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451427.8	Northing: 114139.3	Ground Level: 21.32mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.40 0.50	ES1 D1	PP=3.5kg/cm2	21.12	0.20 (0.80)	  	Grass over dark brown gravelly CLAY with frequent roots and rootlets TOPSOIL Stiff orange and grey mottled slightly gravelly CLAY with occasional rootlets RIVER TERRACE DEPOSITS			0.5	
1.00	D2	PP=3kg/cm2	20.32	1.00		End of Trial Pit at 1.00m			1.0	
									1.5	
									2.0	
									2.5	
									3.0	
									3.5	
Dimensions:					Photo:					
Final Depth:	1.00m				 					
Final Width:	0.60m									
Final Length:	1.95m									
Remarks										
Groundwater not encountered. Soakage										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA04				
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1					
	Easting: 451538.6	Northing: 114277.3	Ground Level: 16.58mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25					
Trial Pit Log			Weather: Overcast, dry, warm			Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing				Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.10	ES1		16.43	0.15		Crop stubble over dark brown slightly silty slightly gravelly CLAY with occasional roots and rootlets					
						TOPSOIL					
0.50	D1	PP=4kg/cm2		(0.55)		Very stiff orange brown CLAY with occasional rootlets and rare flint gravel possible desiccated WITTERING FORMATION				0.5	
			15.88	0.70							
				(0.30)		Very stiff orange brown slightly sandy slightly gravelly CLAY with rare rootlets possibly desiccated WITTERING FORMATION					
1.00	D2	PP=3.8kg/cm2	15.58	1.00		End of Trial Pit at 1.00m				1.0	
										1.5	
										2.0	
										2.5	
										3.0	
										3.5	
Dimensions:						Photo:					
Final Depth:		1.00m				 PhotoofPit					
Final Width:		0.60m									
Final Length:		1.90m									
Remarks						 PhotoofSpoil					
Groundwater not encountered. Soakage											
Water Strikes (mbgl)											
Depth Strike		Rose to		Time Elapsed (mins)							

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA05		
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451612.1	Northing: 114230.0	Ground Level: 15.18mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log				Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable	
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.40	ES1	PP=2.9kg/cm2	15.03	0.15		Grass over dark brown slightly silty sandy CLAY with frequent roots and rootlets TOPSOIL	0.5		
0.50	D1					Firm brown very sandy CLAY with occasional rootlets. Sand is fine RIVER TERRACE DEPOSITS			
1.00	D2	PP=1.5kg/cm2	13.98	1.20		Firm orange brown very sandy CLAY. Sand is fine RIVER TERRACE DEPOSITS	1.0		
1.40	D3				13.78	1.40			
							2.0		
							2.5		
							3.0		
							3.5		
Dimensions:						Photo:			
Final Depth:	1.40m					 PhotoofPit			
Final Width:	0.60m								
Final Length:	1.90m								
Remarks						 PhotoofSpoil			
Groundwater not encountered. Soakage									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: SA06		
	Contract Number: GE23094	Date Started: 07/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451638.6	Northing: 114204.5	Ground Level: 14.60mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log									
Weather: Overcast, dry, warm			Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.20	ES1	PP=2.5kg/cm2	14.45	0.15		Dark brown sandy CLAY with occasional roots and rootlets TOPSOIL		0.5	
0.50	D1			(0.65)		Firm orange brown sandy CLAY with occasional rootlets RIVER TERRACE DEPOSITS			
1.00	D2	PP=1.6kg/cm2	13.80	0.80		Firm orange brown sandy CLAY RIVER TERRACE DEPOSITS		1.0	
1.50	D3			(0.50)		Firm orange brown very gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			
1.80	D4		13.30	1.30		Firm orange brown very gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine RIVER TERRACE DEPOSITS		1.5	
			13.00	1.60		Firm orange brown very gravelly slightly sandy CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine RIVER TERRACE DEPOSITS			
			12.80	1.80		End of Trial Pit at 1.80m		2.0	
								2.5	
								3.0	
								3.5	
Dimensions:									
Final Depth:		1.80m							
Final Width:		0.60m							
Final Length:		1.80m							
Remarks									
Groundwater not encountered Soakage									
Water Strikes (mbgl)									
Depth Strike		Rose to			Time Elapsed (mins)				
Photo:									
									
PhotofPit					PhotofSpoil				

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP01		
	Contract Number: GE23094	Date Started: 12/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451482.4	Northing: 114269.0	Ground Level: 19.79mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Hot, sunny, dry		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.10	ES1		19.64	0.15		Crop stubble over dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets		0.5	
				(0.45)		TOPSOIL			
0.50	D1					Firm orange brown slightly sandy silty CLAY with occasional rootlets			
			19.19	0.60		Very stiff orange and grey mottled slightly gravelly CLAY with occasional rootlets possibly desiccated			
				(0.60)		WITTERING FORMATION			
1.00	D2	PP=4.5kg/cm2						1.0	
									
			18.59	1.20		Stiff orange and grey mottled slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded and sand is fine			
1.50	D3	PP=3kg/cm2				WITTERING FORMATION		1.5	
				(0.60)					
			17.99	1.80		Firm orange brown silty CLAY			
						WITTERING FORMATION			
2.00	D4	PP=2.5kg/cm2						2.0	
				(0.40)					
			17.59	2.20		Firm orange brown silty sandy CLAY. Sand is fine			
						WITTERING FORMATION			
				(0.40)				2.5	
2.50	D5					Orange brown clayey fine SAND			
			17.19	2.60		WITTERING FORMATION			
				(0.40)				2.5	
3.00	D6		16.79	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP02		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451632.8	Northing: 114280.0	Ground Level: 14.52mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Localised spalling			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.25	ES1		14.22	(0.30)		Grass over dark brown silty CLAY with occasional roots and rootlets TOPSOIL			
0.50	D1		13.92	(0.30)		Firm orange brown very gravelly CLAY with rare rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		0.5	
1.00	D2		13.12	(0.80)		Orange brown slightly sandy clayey fine to medium sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.0	
1.50	D3		13.12	(0.80)		Brown clayey fine to coarse sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.5	
2.00	D4		12.32	(0.50)		Orange and grey fine SAND WITTERING FORMATION		2.0	
2.50	D5		11.82	(0.30)		Light grey fine SAND WITTERING FORMATION		2.5	
3.00	D6		11.52	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Some spalling within the looser gravels. Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP03		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451290.4	Northing: 114184.7	Ground Level: 23.32mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, hot, dry		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.10	ES1	PP=2.7kg/cm2	23.17	0.15		Grass over dark brown slightly silty gravelly CLAY with frequent roots and rootlets TOPSOIL		0.5	
0.50	D1		22.62	(0.55)		Stiff orange and grey slightly silty CLAY with occasional rootlets LONDON CLAY			
1.00	D2	PP=2.5kg/cm2	21.72	0.70		Firm to stiff orange and grey silty CLAY LONDON CLAY		1.0	
1.00	ES2			(0.90)					
1.50	D3	PP=1.4kg/cm2	21.02	1.60		Firm brown and grey very silty CLAY LONDON CLAY		1.5	
		(0.70)							
2.00	D4	PP=1.4kg/cm2	20.62	2.30		Firm purplish grey silty sandy CLAY. Sand is fine LONDON CLAY		2.0	
		(0.40)							
2.50	D5		20.32	2.70		Firm grey silty CLAY LONDON CLAY		2.5	
				(0.30)					
3.00	D6			3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP04			
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451352.1	Northing: 114188.3	Ground Level: 24.57mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Cloudy , dry, warm		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.15	ES1		24.37	0.20		Grass over dark brown slightly gravelly sandy CLAY with frequent roots and rootlets TOPSOIL				
0.50	D1	PP=3.5kg/cm2	23.97	0.60 (0.40)		Stiff orange and grey mottled slightly gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			0.5	
1.00	D2	PP=2.5kg/cm2	23.37	0.60 (0.60)		Stiff orange and grey mottled slightly sandy CLAY. Sand is fine LONDON CLAY			1.0	
1.50	D3	PP=1.5kg/cm2	22.67	1.20 (0.70)		Firm to stiff orange and grey silty CLAY LONDON CLAY			1.5	
2.00	D4	PP=1.6kg/cm2	22.67	1.90 (1.10)		Firm to stiff brown and orange very silty CLAY LONDON CLAY			2.0	
2.50	D5	PP=1.7kg/cm2							2.5	
3.00	D6	PP=1.6kg/cm2	21.57	3.00		End of Trial Pit at 3.00m			3.0	
									3.5	
Dimensions:					Photo:					
Final Depth:	3.00m				 PhotoofPit					
Final Width:	0.60m									
Final Length:	1.90m									
Remarks					 PhotoofSpoil					
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike		Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP05			
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451408.2	Northing: 114207.6	Ground Level: 24.20mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Cloudy, dry, breezy		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.50	D1		23.95	0.25		Grass over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets TOPSOIL			0.5	
				(0.55)		Orange brown clayey fine to coarse sub angular to sub rounded flint GRAVEL with occasional rootlets RIVER TERRACE DEPOSITS				
1.00	D2		23.40	0.80		Orange brown slightly clayey fine to medium sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS			1.0	
				(0.60)						
1.50	D3	PP=2.9kg/cm2	22.80	1.40		Stiff orange and grey mottled CLAY WITTERING FORMATION			1.5	
2.00	D4	PP=2.7kg/cm2		(1.60)					2.0	
2.50	D5	PP=3.4kg/cm2							2.5	
3.00	D6	PP=3kg/cm2	21.20	3.00		End of Trial Pit at 3.00m			3.0	
3.00	ES1								3.5	
Dimensions:						Photo:				
Final Depth:	3.00m					 PhotoofPit				
Final Width:	0.60m									
Final Length:	1.90m									
Remarks						 PhotoofSpoil				
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike		Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP06		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451465.0	Northing: 114196.0	Ground Level: 21.95mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.30	ES1		21.80	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets			
0.50	D1	PP=3.4kg/cm2				TOPSOIL			
						Stiff orange and grey gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		0.5	
				(1.05)					
1.00	D2	PP=3.5kg/cm2						1.0	
									
			20.75	1.20		Stiff orange and grey mottled CLAY LONDON CLAY			
1.50	D3	PP=2.8kg/cm2						1.5	
									
				(1.20)					
2.00	D4	PP=2.1kg/cm2						2.0	
2.00	ES2								
									
			19.55	2.40		Stiff orange and grey sandy CLAY. Sand is fine LONDON CLAY		2.5	
2.50	D5	PP=2.1kg/cm2							
									
				(0.60)					
3.00	D6	PP=2kg/cm2	18.95	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

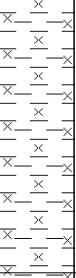
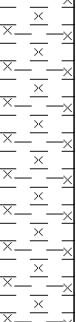
 Geo-Environmental	Contract Name: Holly Tree Farm		Client: Bloor Homes Southern			Trial Pit ID: TP07	
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1	
	Easting: 451537.3	Northing: 114231.3	Ground Level: 18.44mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25	

Weather: Overcast, warm, dry		Hole Termination:		Stability: Sides stable	
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Samples & In Situ Testing			Strata Details				Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description		
0.50	D1		18.29	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets	0.5	
				(0.55)		TOPSOIL		
1.00	D2	PP=3.6kg/cm2	17.74	0.70		Stiff brown gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint	1.0	
				(0.60)		RIVER TERRACE DEPOSITS		
1.50	D3		17.14	1.30		Stiff orange brown slightly sandy gravelly CLAY. Sand is fine and gravel is fine to medium sub angular to sub rounded of flint	1.5	
				(0.50)		WITTERING FORMATION		
2.00	D4		16.64	1.80		Orange brown clayey sandy fine to medium sub angular to sub rounded flint GRAVEL	2.0	
				(0.50)		WITTERING FORMATION		
2.50	D5		16.14	2.30		Firm orange brown silty sandy gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of flint and sand is fine to medium	2.5	
				(0.50)		WITTERING FORMATION		
3.00	D6		15.64	2.80		Orange and grey slightly silty clayey fine SAND with occasional layers of firm clay	3.0	
				(0.50)		WITTERING FORMATION		
			15.44	3.00		Yellow and orange fine SAND with frequent layers of firm orange and grey mottled CLAY	3.0	
						End of Trial Pit at 3.00m		

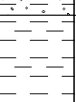
Dimensions:			Photo:	
Final Depth:	3.00m		 PhotoofPit	
Final Width:	0.60m			
Final Length:	1.90m			
Remarks			 PhotoofSpoil	
Groundwater not encountered				
Water Strikes (mbgl)				
Depth Strike	Rose to	Time Elapsed (mins)		

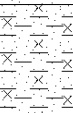
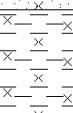
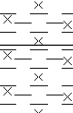
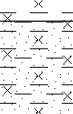
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP08		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451287.5	Northing: 114132.5	Ground Level: 20.83mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, dry, hot		Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.30	ES1	PP=3.5kg/cm2	20.68	0.15		Grass over dark brown slightly silty gravelly CLAY with frequent roots and rootlets		0.5	
0.50	D1		20.23	(0.45)		TOPSOIL			
						Stiff light grey and occasionally orange slightly sandy CLAY with rare rootlets			
						LONDON CLAY			
1.00	D2	PP=2.5kg/cm2		0.60		Stiff light grey and purplish grey slightly silty CLAY		1.0	
				(0.50)		LONDON CLAY			
									
1.50	D3	PP=2.4kg/cm2		1.10		Firm to stiff orange and grey silty CLAY		1.5	
				(0.70)		LONDON CLAY			
									
2.00	D4	PP=2.5kg/cm2		1.80		Firm to stiff grey and occasionally orange slightly sandy silty		2.0	
2.00	D5			(1.20)		weakly cemented CLAY. Sand is fine			
						LONDON CLAY			
									
2.50	D6	PP=1.6kg/cm2		3.00		End of Trial Pit at 3.00m		2.5	
								3.0	
								3.5	
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP09			
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451355.8	Northing: 114144.4	Ground Level: 22.56mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log		Weather: Cloudy, dry, warm			Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing				Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.40	ES1		22.36	0.20		Grass over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets	0.5			
0.50	B1		(0.40)		TOPSOIL					
0.50	D1		(0.40)		Orange brown clayey fine to medium sub angular to sub rounded flint GRAVEL with occasional rootlets					
1.00	D2	PP=1.7kg/cm2	21.96	0.60		RIVER TERRACE DEPOSITS	1.0			
1.50	D3	PP=1.2kg/cm2	20.96	1.60		Firm orange and grey silty CLAY WITTERING FORMATION				
2.00	D4	PP=2kg/cm2	19.86	2.70		Firm orange and grey silty laminated CLAY LONDON CLAY	2.0			
2.50	D5	PP=1.6kg/cm2								(1.10)
3.00	D6		19.56	3.00		End of Trial Pit at 3.00m	3.0			
							3.5			
Dimensions:					Photo:					
Final Depth:	3.00m				 PhotoofPit					
Final Width:	0.60m									
Final Length:	1.80m									
Remarks					 PhotoofSpoil					
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP10		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451397.3	Northing: 114131.8	Ground Level: 21.50mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Cloudy, dry, warm			Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.50	D1	PP=3.5kg/cm2	21.25	0.25		Grass over dark brown sandy CLAY with frequent roots and rootlets TOPSOIL		0.5	
				(0.45)		Stiff orange brown slightly gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			
1.00 1.00	B1 D2	PP=2.6kg/cm2	20.80	0.70		Stiff orange and grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		1.0	
				(0.50)					
1.50	D3	PP=1.5kg/cm2	20.30	1.20		Firm orange and grey silty CLAY LONDON CLAY		1.5	
				(0.90)					
2.00 2.00	D4 ES1	PP=2.3kg/cm2	19.40	2.10		Firm orange and brown slightly silty CLAY LONDON CLAY		2.0	
				(0.90)					
2.50	D5	PP=2.5kg/cm2	18.50	3.00		End of Trial Pit at 3.00m		3.0	
				(0.90)					
3.00	D6	PP=2.6kg/cm2						3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

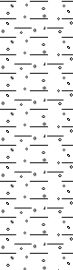
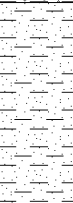
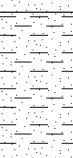
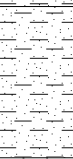
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP11			
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451258.7	Northing: 114079.9	Ground Level: 16.86mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Sunny, dry, hot		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.10	ES1		16.71	0.15		Grass over dark brown slightly gravelly silty CLAY with frequent roots and rootlets				
				(0.45)		TOPSOIL				
0.50	B1	PP=3.5kg/cm2				Stiff orange brown slightly sandy gravelly CLAY with occasional rootlets				
0.50	D1		16.26	0.60		WITTERING FORMATION				
						Stiff light grey and orange mottled CLAY with rare rootlets				
				(0.60)		LONDON CLAY				
1.00	D2	PP=2.3kg/cm2				Stiff orange and grey mottled CLAY				
			15.66	1.20		LONDON CLAY				
1.50	D3	PP=2.5kg/cm2				Stiff brown and grey slightly sandy CLAY. Sand is fine				
				(1.40)		LONDON CLAY				
2.00	D4	PP=2.1kg/cm2				Stiff brown and grey slightly sandy CLAY. Sand is fine				
2.00	ES2					LONDON CLAY				
2.50	D5	PP=1.7kg/cm2				Stiff brown and grey slightly sandy CLAY. Sand is fine				
			14.26	2.60		LONDON CLAY				
				(0.40)		Stiff brown and grey slightly sandy CLAY. Sand is fine				
3.00	D6	PP=1.4kg/cm2	13.86	3.00		End of Trial Pit at 3.00m				
Dimensions:					Photo:					
Final Depth:	3.00m				 PhotoofPit					
Final Width:	0.60m									
Final Length:	1.80m									
Remarks					 PhotoofSpoil					
Water seepage through base of pit										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							
3.00	3.00		20							

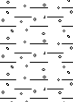
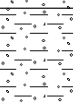
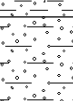
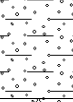
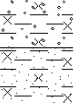
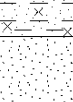
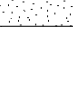
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP12		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451320.1	Northing: 114081.2	Ground Level: 17.65mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, dry, hot		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.50	D1	PP=4.2kg/cm2	17.50	0.15		Grass over dark brown slightly gravelly silty CLAY with frequent roots and rootlets TOPSOIL		0.5	
				(0.45)		Very stiff orange brown slightly gravelly CLAY with occasional rootlets possibly desiccated RIVER TERRACE DEPOSITS			
1.00	D2	PP=2.8kg/cm2	17.05	0.60		Stiff orange and grey mottled CLAY with rare rootlets LONDON CLAY		1.0	
				(0.50)					
1.50	D3	PP=2.5kg/cm2	16.55	1.10		Stiff orange and grey mottled CLAY LONDON CLAY		1.5	
				(0.70)					
2.00	D4	PP=2.1kg/cm2	15.85	1.80		Stiff orange and grey slightly sandy CLAY. Sand is coarse LONDON CLAY		2.0	
				(1.20)					
2.50	D5	PP=2.5kg/cm2	14.65	3.00				2.5	
3.00	D6					End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	2.10m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike		Rose to		Time Elapsed (mins)					

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP13		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451383.8	Northing: 114085.8	Ground Level: 18.01mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, warm, dry		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.40 0.50	ES1 D1	PP=3kg/cm2	17.86	0.15 (0.55)		Grass over dark brown slightly sandy silty CLAY with frequent roots and rootlets TOPSOIL Stiff brown slightly sandy CLAY with occasional rootlets WITTERING FORMATION		0.5	
1.00	D2	PP=1.5kg/cm2	17.31	0.70 (0.50)		Firm orange and grey slightly sandy silty CLAY. Sand is fine WITTERING FORMATION		1.0	
1.50	D3		16.81	1.20 (0.60)		Firm orange and grey very sandy silty CLAY. Sand is fine WITTERING FORMATION		1.5	
2.00	D4	PP=2kg/cm2	16.21	1.80 (0.40)		Firm orange brown silty CLAY with occasional flint gravel WITTERING FORMATION		2.0	
2.50	D5	PP=1.7kg/cm2	15.81	2.20 (0.40)		Firm orange and grey slightly silty sandy CLAY. Sand is fine WITTERING FORMATION		2.5	
3.00	D6	PP=1.6kg/cm2	15.41	2.60 (0.40)		Stiff orange and grey mottled CLAY LONDON CLAY		3.0	
			15.01	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

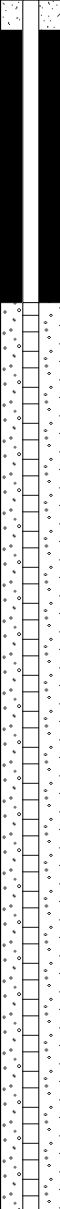
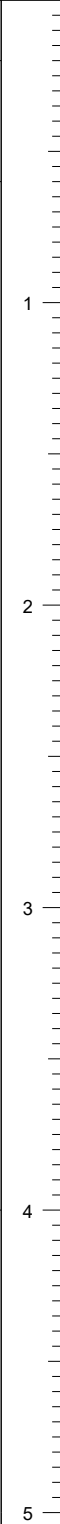
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	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451445.3	Northing: 114069.7	Ground Level: 16.40mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log									
Weather: Overcast, dry, warm			Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.25	ES1		16.25	0.15		Crop stubble over dark brown silty CLAY with occasional roots and rootlets			
0.50	D1	PP=1.5kg/cm2		(0.65)		TOPSOIL			
						Firm to stiff orange brown silty sandy CLAY with rare rootlets			
						WITTERING FORMATION			
1.00	D2	PP=1.6kg/cm2	15.60	0.80		Firm orange brown sandy gravelly CLAY. Sand is fine and gravel is fine to medium sub angular to sub rounded of flint			
1.00	ES2			(0.90)		WITTERING FORMATION			
1.50	D3	PP=2.6kg/cm2							
									
									
									
									
2.00	D4	PP=1.7kg/cm2	14.70	1.70		Firm orange brown slightly sandy silty CLAY. Sand is fine			
				(0.60)		WITTERING FORMATION			
									
									
2.50	D5	PP=3kg/cm2	14.10	2.30		Stiff orange brown slightly sandy CLAY. Sand is fine			
				(0.30)		WITTERING FORMATION			
									
									
									
3.00	D6		13.80	2.60		Firm brown very sandy CLAY. Sand is fine			
				(0.40)		WITTERING FORMATION			
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

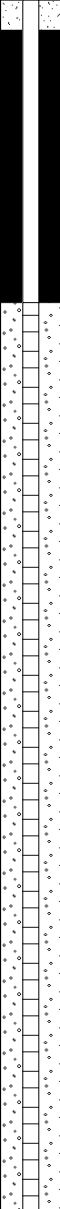
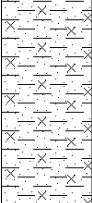
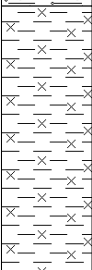
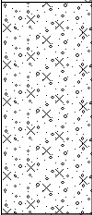
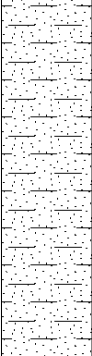
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	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451475.6	Northing: 114112.9	Ground Level: 18.16mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.15	ES1	PP=4kg/cm2	17.96	0.20		Crop stubble over dark brown sandy gravelly CLAY with occasional roots and rootlets TOPSOIL		0.5	
0.50	D1		17.56	(0.40)		Stiff orange brown sandy CLAY with occasional rootlets possibly desiccated WITTERING FORMATION			
1.00	D2	PP=2.3kg/cm2	16.86	0.60		Stiff orange and grey very sandy CLAY with occasional flint gravel WITTERING FORMATION		1.0	
1.50	D3			(0.70)		Stiff orange and grey slightly silty sandy CLAY. Sand is fine WITTERING FORMATION			
2.00	D4	PP=2.4kg/cm2	16.36	1.80		Firm orange and grey silty very sandy CLAY. Sand is fine WITTERING FORMATION		2.0	
2.50	D5			(0.90)		Stiff orange brown slightly sandy CLAY WITTERING FORMATION			
3.00	D6		15.46	2.70		Stiff orange brown slightly sandy CLAY WITTERING FORMATION		2.5	
			15.16	3.00		End of Trial Pit at 3.00m			
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

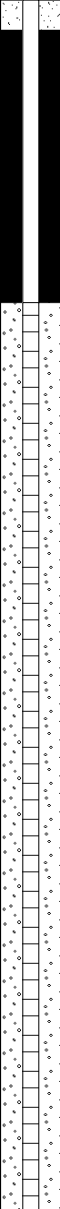
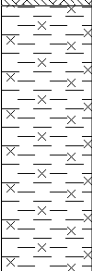
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP16		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451506.6	Northing: 114179.2	Ground Level: 20.40mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.50 0.50	B1 D1	PP=3.6kg/cm2	20.20	0.20		Crop stubble over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets TOPSOIL		0.5	
1.00	D2		19.30	1.10		Firm to stiff orange brown very gravelly CLAY with rare rootlets. Gravel is fine to coarse sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		1.0	
1.50	D3	18.60	1.80		Stiff orange and grey slightly sandy CLAY with occasional flint cobbles WITTERING FORMATION		1.5		
2.00	D4	18.10	2.30		Firm to stiff orange and grey sandy CLAY. Sand is fine WITTERING FORMATION		2.0		
2.50	D5	17.60	2.80		Firm to stiff orange and grey very sandy CLAY WITTERING FORMATION		2.5		
3.00	D6	17.40	3.00		Orange and yellow slightly clayey fine SAND WITTERING FORMATION		3.0		
						End of Trial Pit at 3.00m		3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP17		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451543.1	Northing: 114153.3	Ground Level: 18.16mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.10	ES1		18.01	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets		0.5	
				(0.45)		TOPSOIL			
0.50	D1		17.56	0.60		Stiff brown gravelly CLAY with occasional rootlets RIVER TERRACE DEPOSITS		1.0	
1.00 1.00	D2 ES2			(0.70)		Stiff brown very gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			
1.50	D3		16.86	1.30		Orange brown very clayey fine to medium sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.5	
				(0.60)					
2.00	D4		16.26	1.90		Firm orange brown silty gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		2.0	
				(0.50)					
2.50	D5		15.76	2.40		Firm orange brown and grey laminated silty sandy CLAY. Sand is fine WITTERING FORMATION		2.5	
				(0.30)					
			15.46	2.70		Orange and grey slightly clayey fine SAND WITTERING FORMATION		3.0	
				(0.30)					
3.00	D6		15.16	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 				
Final Width:	0.60m								
Final Length:	2.10m								
Remarks									
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP18						
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1							
	Easting: 451581.2	Northing: 114241.8	Ground Level: 15.91mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25							
Trial Pit Log			Weather: Cloudy, dry slightly breezy			Hole Termination:			Stability: Sides stable				
Samples & In Situ Testing						Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description							
0.30	ES1	PP=2.5kg/cm2	15.76	0.15		Grass over dark brown sandy gravelly CLAY with frequent roots and rootlets		TOPSOIL		Stiff orange brown very sandy CLAY with rare rootlets	WITTERING FORMATION	0.5	
0.50	D1		(0.65)										
1.00	B1	PP=2.5kg/cm2	15.11	0.80		Stiff orange brown slightly silty sandy CLAY. Sand is fine		WITTERING FORMATION		Stiff orange brown slightly sandy silty CLAY. Sand is fine	WITTERING FORMATION	1.0	
1.00	D2		(0.50)										
1.50	D3	PP=2.1kg/cm2	14.61	1.30		Stiff orange brown slightly sandy silty CLAY. Sand is fine		WITTERING FORMATION		Firm to stiff orange brown slightly silty very sandy CLAY. Sand is fine	WITTERING FORMATION	1.5	
		(0.50)											
2.00	D4	PP=1.6kg/cm2	14.11	1.80		Firm to stiff orange brown slightly silty very sandy CLAY. Sand is fine		WITTERING FORMATION				2.0	
		(1.10)											
2.50	D5	PP=1.4kg/cm2										2.5	
3.00	D6		13.01	2.90		Firm to stiff orange brown sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine		WITTERING FORMATION				3.0	
			12.81	3.10		End of Trial Pit at 3.10m						3.5	
Dimensions:						Photo:							
Final Depth:	3.10m					 14/08/2025 08:28 PhotoofPit							
Final Width:	0.60m												
Final Length:	1.80m												
Remarks						 14/08/2025 08:28 PhotoofSpoil							
Groundwater not encountered													
Water Strikes (mbgl)													
Depth Strike	Rose to		Time Elapsed (mins)										

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS01 Sheet 1 of 1						
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451290E - 114086N		Hole Type WLS				
Location: Boorley Green				Level: 17.59		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20	17.39		Grass over brown clayey SILT TOPSOIL		
		0.40	PP	4.5kg/cm2				Very stiff brown very silty CLAY with some fmc flint gravel RIVER TERRACE DEPOSITS		
		0.50	D							
		0.60			16.99			Very stiff becoming stiff light grey amd light brown slightly fine sandy silty CLAY LONDON CLAY		
		0.80	PP	2.0kg/cm2						
		1.00	D							
		1.00	S	N=8 (2,2/2,2,2,2)						
		1.30	PP	2.0kg/cm2						
		1.50	D							
		1.80	PP	2.0kg/cm2						
		2.00	D							
		2.00	S	N=8 (2,2/2,2,2,2)						
		2.20	PP	2.0kg/cm2						
		2.50	D							
		2.70	PP	2.0kg/cm2						
		3.00	D							
	3.00	S	N=18 (4,4/5,4,4,5)							
	3.50	D								
	4.00	D			4.00	13.59		End of Borehole at 4.00m	4	
	4.00	S	N=22 (4,4/5,5,6,6)						5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
					 Status FINAL					

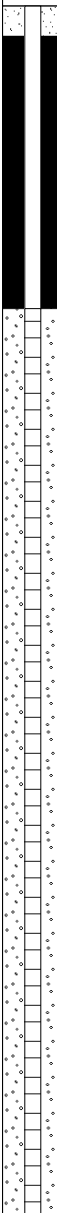
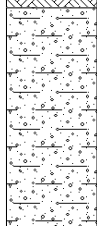
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS02 Sheet 1 of 1		
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451351E - 114052N		Hole Type WLS		
Location: Boorley Green				Level: 15.88		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20	15.68		Grass over desiccated brown clayey SILT TOPSOIL		
										Brown friable clayey sandy SILT RIVER TERRACE DEPOSITS
		0.50	D							
		0.70	PP	4.5kg/cm2						
					0.90	14.98		Brown clayey fmc flint GRAVEL RIVER TERRACE DEPOSITS		
		1.00	D							
		1.00	C	N=8 (1,2/2,2,2,2)						
					1.20	14.68		Stiff light brown slightly fine sandy silty to very silty CLAY RIVER TERRACE DEPOSITS		
		1.30	PP	3.0kg/cm2						
		1.50	D							
		1.80	PP	3.0kg/cm2						
		2.00	D							
		2.00	S	N=32 (3,3/5,6,9,12)	2.10	13.78		Brown silty sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS		
		2.50	D							
					2.80	13.08		Yellowish brown orange-brown and greenish grey slightly clayey silty fm SAND WITTERING FORMATION		
3.00	D									
3.00	S	N=14 (3,3/3,4,4,3)								
			3.50							
			4.00							
			4.00	S	N=17 (3,4/4,4,5,4)	4.00	11.88			
End of Borehole at 4.00m									4	
									5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Wet from 3m bgl					
			3.00	2.70						
 Status FINAL										

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS03 Sheet 1 of 1					
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451316E - 114180N		Hole Type WLS			
Location: Boorley Green				Level: 23.70		Scale 1:25			
Client: Bloor Homes Southern				Dates: 13/08/2025		Logged By GR			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	23.40		Grass over brown silty CLAY. Dry and friable TOPSOIL	1
		0.50	D					Very stiff yellowish brown and light grey mottled silty to very silty CLAY LONDON CLAY FORMATION	
		0.70	PP	3.5kg/cm2					
		1.00	D						
		1.00	S	N=12 (2,2/3,3,3,3)	1.20	22.50			
		1.50	D						
		1.60	PP	3.0kg/cm2					
		2.00	D						
		2.00	S	N=10 (2,2/2,3,3,2)					
		2.50	D						
	2.60	PP	2.5kg/cm2						
	3.00	D							
	3.00	S	N=12 (2,2/2,3,3,4)						
	3.50	D							
	3.60	PP	2.0kg/cm2						
	4.00	D			4.00	19.70			
	4.00	S	N=22 (4,4/4,6,6,6)						
End of Borehole at 4.00m								4	
								5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To



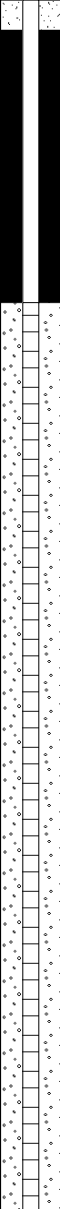
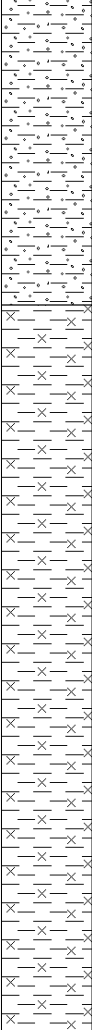
Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log			Borehole No. WS04 Sheet 1 of 1	
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451463E - 114129N		Hole Type WLS
Location: Boorley Green				Level: 19.87		Scale 1:25
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR

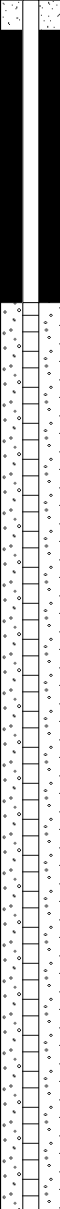
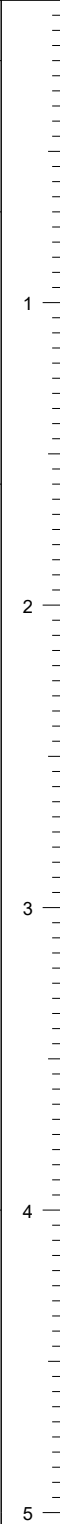
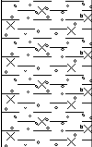
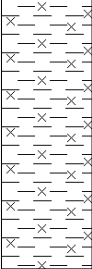
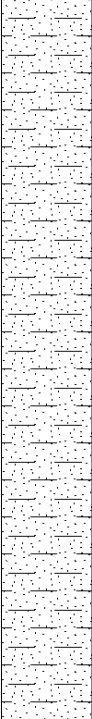
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	19.57		Light greysih brown silty SAND with some fmc flint gravel TOPSOIL	1
		0.50	D					Light brown and orange-brown sandy clayey fmc flint GRAVEL RIVER TERRACE DEPOSITS	
		1.00	D						
		1.00	C	N=27 (5,4/5,6,8,8)	1.10	18.77			
		1.30	PP	2.5kg/cm2	1.40	18.47		Stiff light grey and light brown CLAY RIVER TERRACE DEPOSITS	
		1.50	D		1.70	18.17		Brown clayey fmc flint GRAVEL RIVER TERRACE DEPOSITS	
		1.80	PP	2.5kg/cm2				Stiff light brown and light grey silty to very silty CLAY WITTERING FORMATION	2
		2.00	D						
		2.00	S	N=13 (3,3/3,3,3,4)					
		2.20	PP	2.5kg/cm2	2.30	17.57		Light grey, orange-brown and light brown mottled clayey fine sandy SILT to clayey silty SAND WITTERING FORMATION	
		2.50	D						3
		3.00	D						
		3.00	S	N=16 (3,4/3,4,4,5)					
		3.50	D						
		4.00	D		4.00	15.87			4
	4.00	S	N=17 (4,4/3,4,5,5)						
							End of Borehole at 4.00m	5	

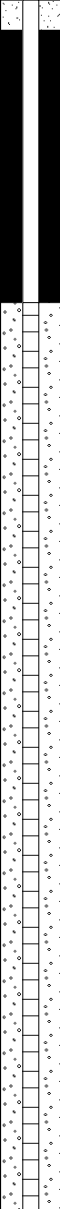
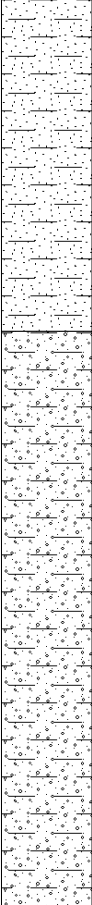
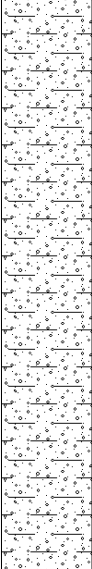
Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	


 Status
 FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS05 Sheet 1 of 1		
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451387E - 114154N		Hole Type WLS		
Location: Boorley Green				Level: 22.74		Scale 1:25				
Client: Bloor Homes Southern				Dates: 13/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	22.44		Grass over brown silty CLAY. Dry and friable TOPSOIL	1	
		0.50	D					Stiff light brown and light grey very gravelly CLAY. Gravel is fmc flint RIVER TERRACE DEPOSITS		
		1.00	D						2	
		1.00	C	N=11 (8,3/2,3,3,3)						
		1.50	D							
		1.50	PP	2.5kg/cm2	1.60	21.14				
		1.80	PP	2.0kg/cm2						
		2.00	D							
		2.00	S	N=11 (2,2/2,3,3,3)						
		2.50	D							
		2.60	PP	2.0kg/cm2						
		2.90	PP	2.0kg/cm2						
		3.00	D							
		3.00	S	N=13 (3,3/3,3,3,4)						
		3.10	PP	2.0kg/cm2						
	3.50	D								
	3.50	PP	2.0kg/cm2							
	3.90	PP	2.0kg/cm2							
	4.00	D		4.00	18.74			4		
	4.00	S	N=24 (5,4/6,6,6,6)							
							End of Borehole at 4.00m	5		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To


Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS06 Sheet 1 of 1		
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451490E - 114230N		Hole Type WLS		
Location: Boorley Green				Level: 21.15		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20	20.95		Stubble over brown sandy SILT with fmc flint gravel TOPSOIL		
		0.50	D					Very stiff light brown and light grey mottled silty to very silty CLAY with occasional fmc flint gravel RIVER TERRACE DEPOSITS <i>Visibly desiccated</i>		
		0.80	PP	4.5kg/cm2	0.70	20.45		Very stiff light brown and light grey mottled silty to very silty CLAY WITTERING FORMATION		
		1.00	D							
		1.00	S	N=15 (2,3/3,4,4,4)						
		1.50	D		1.60	19.55				
			2.00	D						Light brown , light grey and orange-brown mottled clayey very silty fm SAND WITTERING FORMATION
		2.00	S	N=20 (3,4/4,5,5,6)						
		2.50	D							
		3.00	D							
	3.00	S	N=24 (3,6/6,6,6,6)							
		3.50	D							End of Borehole at 4.00m
	4.00	D		4.00	17.15					
	4.00	S	N=23 (5,5/5,6,6,6)							
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
 Status FINAL										

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS07 Sheet 1 of 1	
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451614E - 114192N		Hole Type WLS	
Location: Boorley Green				Level: 15.37		Scale 1:25			
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.30	15.07		Brown silty SAND TOPSOIL	1
		0.50	D					Brown silty clayey SAND with rare fm flint gravel RIVER TERRACE DEPOSITS	
		1.00	D	N=16 (3,4/4,4,4,4)	2.10	13.27		Becoming firm fine sandy clayey SILT (PP 1.0 at 1.8m bgl) Brown slightly clayey sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS	2
		1.00	S						
		1.50	D						
		2.00	D	N=4 (1,1/1,1,1,1)	4.00	11.37		End of Borehole at 4.00m	4
		2.00	S						
		3.00	C	N=10 (2,2/2,3,2,3)					3
	3.50	D							
	4.00	C	N=17 (4,4/4,4,5,4)					5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Unstable and poor recovery from c. 2m bgl				


Status
FINAL



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Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: Holly Tree Farm

Project No.
GE23094

Co-ords: 451643E - 114237N

Hole Type	WLS
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Location: Boorley Green

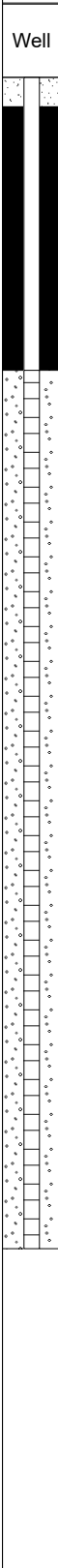
Level:	14.38
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Scale
1:25

Client: Bloor Homes Southern

Dates: 12/08/2025

Logged By
GR

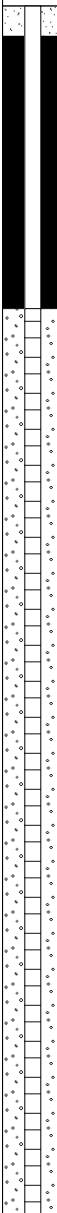
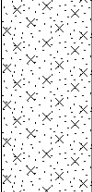
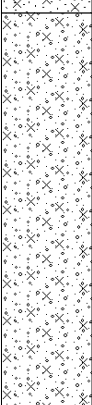
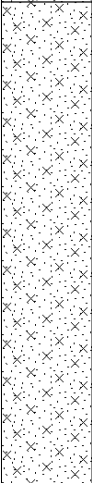
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.30	14.08		Grass over brown silty SAND TOPSOIL	1	
		0.50	D				N=11 (2,2/3,3,2,3)			Brown slightly clayey silty SAND RIVER TERRACE DEPOSITS
										Brown clayey sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS
		1.00	D	N=15 (2,3/3,4,4,4)		Stiff light brown sandy CLAY WITTERING FORMATION	2			
		1.00	C							
		1.50	D							
		2.00	D	N=23 (4,5/5,6,6,6)	2.70	11.68		Light brown to light greenish brown silty SAND WITTERING FORMATION	3	
		2.00	C							
		2.50	D							
		2.80	D	N=17 (4,5/5,4,4,4)	2.90	11.48		End of Borehole at 4.00m	4	
		2.80	PP							
		3.00	D							
		3.00	S		4.00	10.38			5	
		3.50	D							
		4.00	D							
4.00	S									

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Wet at c. 3m bgl

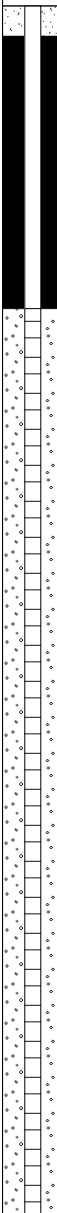
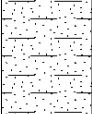
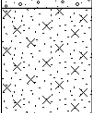


Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS09 Sheet 1 of 1			
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451641E - 114287N		Hole Type WLS	
Location: Boorley Green				Level: 14.32		Scale 1:25	
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By GR	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.10	14.22	 Grass over brown silty SAND TOPSOIL		
	0.40	ES			0.80	13.52	 Brown slightly clayey silty SAND RIVER TERRACE DEPOSITS		
	0.50	D							
	1.00	D	N=47 (12,12/13,15,10,9)	2.10	12.22	 Light brown silty sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS			
	1.00	C							
	1.50	D							
	2.00	D	N=16 (4,4/4,3,4,5)	2.40	11.92	 Yellow silty SAND RIVER TERRACE DEPOSITS			
	2.00	C							
	2.50	D							
	3.00	D	N=19 (3,4/3,4,6,6)	4.00	10.32	 Greenish grey silty fm SAND WITTERING FORMATION			
3.00	S								
3.50	D								
4.00	D	N=20 (3,3/4,5,5,6)			End of Borehole at 4.00m				
4.00	S								

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks	 Status FINAL
Depth Top	Depth Base	Diameter	Depth Strike	Rose To		

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS10 Sheet 1 of 1	
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451593E - 114276N		Hole Type WLS	
Location: Boorley Green				Level: 15.51		Scale 1:25			
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	15.31		Grey silty SAND with much limestone gravel and occasional plastic and metal MADE GROUND Brown silty clayey SAND RIVER TERRACE DEPOSITS	1
		0.40	ES						
		0.50	D						
		1.00	D	N=11 (1,1/2,2,3,4)	1.40	14.11		Brown clayey sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS	2
		1.00	S						
		1.50	D						
		2.00	D	N=17 (4,4/5,4,4,4)	2.90	12.61		Yellowish brown grading to greenish grey silty fm SAND WITTERING FORMATION	3
		2.00	C						
		2.50	D						
		3.00	D	N=22 (3,3/4,6,6,6)	4.00	11.51		End of Borehole at 4.00m	4
3.00	S								
3.50	D								
4.00	D	N=13 (3,3/3,3,3,4)	4.00	11.51			5		
4.00	S								
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To
									 Status FINAL

APPENDIX B

Groundwater Monitoring Results



Project: Holly Tree Farm
Ref: GE23094
Client: Bloor Homes Southern

Location	Date	GWD (m bgl)	GWL (m OD)
WS01	03/10/2025	3.54	14.05
WS02	03/10/2025	2.55	13.33
WS03	03/10/2025	4.23	19.47
WS04	03/10/2025	Dry	Dry
WS05	03/10/2025	4.17	18.57
WS06	03/10/2025	Dry	Dry
WS07	03/10/2025	3.61	11.76
WS08	03/10/2025	2.87	11.51
WS09	03/10/2025	2.97	11.35
WS10	03/10/2025	3.74	11.77
WS01	06/11/2025	3.50	14.09
WS02	06/11/2025	2.57	13.31
WS03	06/11/2025	4.24	19.46
WS04	06/11/2025	Dry	Dry
WS05	06/11/2025	3.62	19.12
WS06	06/11/2025	Dry	Dry
WS07	06/11/2025	3.25	12.12
WS08	06/11/2025	2.44	11.94
WS09	06/11/2025	2.46	11.86
WS10	06/11/2025	Inaccessible	-
WS01	02/12/2025	2.22	15.37
WS02	02/12/2025	2.43	13.45
WS03	02/12/2025	4.24	19.46
WS04	02/12/2025	Dry	Dry
WS05	02/12/2025	2.41	20.33
WS06	02/12/2025	3.81	17.34
WS07	02/12/2025	3.09	12.28
WS08	02/12/2025	2.15	12.23
WS09	02/12/2025	1.78	12.54
WS10	02/12/2025	3.10	12.41
WS01	12/01/2026	1.83	15.76
WS02	12/01/2026	0.73	15.15
WS03	12/01/2026	2.88	20.82
WS04	12/01/2026	3.74	16.13
WS05	12/01/2026	1.82	20.92
WS06	12/01/2026	3.70	17.45
WS07	12/01/2026	3.01	12.36
WS08	12/01/2026	2.12	12.26
WS09	12/01/2026	1.70	12.62
WS10	12/01/2026	2.89	12.62
WS01	20/02/2026	2.02	15.57
WS02	20/02/2026	0.05	15.83
WS03	20/02/2026	0.91	22.79
WS04	20/02/2026	3.60	16.27
WS05	20/02/2026	1.28	21.46
WS06	20/02/2026	3.70	17.45
WS07	20/02/2026	2.78	12.59
WS08	20/02/2026	2.79	11.59
WS09	20/02/2026	1.59	12.73
WS10	20/02/2026	2.42	13.09
WS01	18/03/2026	2.34	15.25
WS02	18/03/2026	0.43	15.45
WS03	18/03/2026	0.62	23.08
WS04	18/03/2026	3.73	16.14
WS05	18/03/2026	1.22	21.52
WS06	18/03/2026	4.23	16.92
WS07	18/03/2026	3.06	12.31
WS08	18/03/2026	2.15	12.23
WS09	18/03/2026	1.96	12.36
WS10	18/03/2026	2.99	12.52