

Photograph Log

Client:		Site Location:	Project No.:
Letchworth Investment LLP		Starwood House, Letchworth, SG6 2TT	631621.0000.0001
Photo No.	Date		
37	17/03/25 - 20/03/25		
Description			
WS109 - Made Ground			

Photo No.	Date		
38	17/03/25 - 20/03/25		
Description			
WS109 - Chalk			

Annex C: Exploratory Hole Logs

Composite Materials and Lithology

Legend	Code	Description	Legend	Code	Description
	101	Topsoil		730	Boulders
	102	Made Ground or Fill		801	Mudstone
	103	Asphalt		802	Siltstone
	104	Concrete		803	Sandstone
	201	Clay		804	Limestone or Dolomite
	301	Silt		805	Chalk
	401	Sand		806	Coal
	501	Gravel		807	Breccia
	601	Peat		808	Conglomerate
	701	Cobbles		809	Fine Grained Igneous

Backfill

Legend	Code	Description	Legend	Code	Description
	901	Sand Filter		902 908	Gravel Filter Ballast
	903	Bentonite		904	Grout
	905	Arisings		906 912	Concrete Paving Slab
	907	Asphalt		999	Void

NB: Composite soil types are represented by combined legends. Each type will have its own code within the AGS data.

In-Situ Testing

Prefix	Type	Comments
SPT(S)	Standard Penetration Test	Uncorrected test results at relevant start depth. Hammer ID and Energy Ratio reported on log and in relevant AGS fields
SPT(C)	(S) Split Spoon (C) Solid Cone	
HV	Hand Vane Test	Undrained Shear Strength reported in kPa.
PP	Hand Penetrometer Test	Unconfined Compressive Strength reported in kPa
PID	On-Site Volatile Headspace Testing by Photo Ionization Detector	Screening reported as ppmv. Headspace testing undertaken as per contract documents
PPM	In-Situ Permeability Test	Permeability (k) reported in m/s. Please refer to individual test sheets for data and methodology

Sampling

Prefix	Type	Comments
D	Small Disturbed Sample	Nominally 1kg
B	Bulk Disturbed Sample	Nominally 5kg
LB	Large Bulk Disturbed Sample	25kg to 60kg depending on material type, for compaction related tests
U	Undisturbed sample - thick wall driven tube	For CP, nominally 100mm diameter, 450mm length. For WS, nominally 38mm diameter, 100mm length. Blows to drive tube and recovery found in remarks
UT	Undisturbed Sample – Thin wall driven tube	Nominally 100mm diameter, 450mm length. Blows to drive tube and recovery found in remarks
P	Pushed piston sample	Nominally 100mm diameter, 1000mm length. Recovery found in remarks
C	Core sample	-
AMAL	Amalgamated Sample	Details of samples used noted in remarks as well as relevant AGS field
W	Water sample	Not for environmental testing purposes
ES	Environmental sample	Multiple containers used where appropriate
EW	Environmental water sample	Multiple containers used where appropriate

Installations

Legend	Description
	Piezometer Plain Pipe
	Piezometer Slotted Pipe

Water Observations

Legend	Description
	Water strike
	Standing water level after specified time

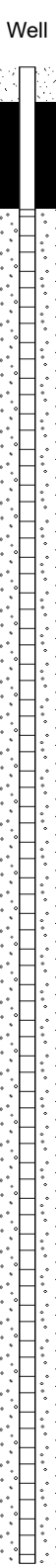
Details are provided on each log through the Water Strike Table

Rotary Boreholes:

T.C.R. - Total Core Recovery %
 S.C.R. - Solid Core Recovery %
 R.Q.D. - Rock Quality Designation %
 F.I. - Fracture Index

All soil and rock descriptions in general accordance with BS5930, BS EN ISO 14688 and BS EN ISO 14689



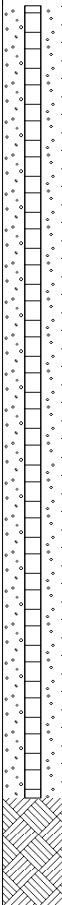
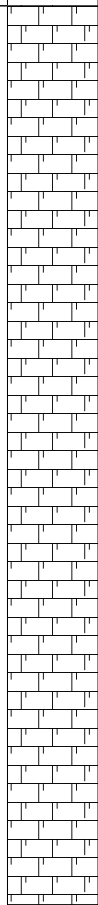
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.30	B		0.25	80.59		Bituminous surfacing.		
		0.40	ES			0.50	80.34		MADE GROUND: Brown sandy GRAVEL with inclusions of wood and glass. Sand is fine to coarse grained. Gravel is angular to rounded fine to coarse of brick, chert, concrete, and flint. Low cobble content of brick and concrete.	
		0.60	B							
		0.70	ES			0.80	80.04			
		1.00	B	N=19 (2,3/3,4,5,7)				Dark brown clayey gravelly SAND. Sand is fine to coarse grained. Gravel is angular to rounded fine and medium of chert and flint. [GLACIOFLUVIAL DEPOSITS]	1	
		1.20	SPT							
		1.80	D	N=15 (2,2/3,4,4,4)	1.80	79.04		Medium dense orangeish brown slightly gravelly clayey silty SAND. Sand is fine to coarse grained. Gravel is angular to rounded fine and medium of chert and flint. [GLACIOFLUVIAL DEPOSITS]	2	
		2.00	SPT						Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.	
		2.80	D	N=6 (1,2/1,2,1,2)					3	
		3.00	SPT							
		3.80	D	N=7 (2,1/2,2,1,2)						
		4.00	SPT							4
		4.80	D	N=8 (3,5/2,2,2,2)						
		5.00	SPT							5
		5.80	D	N=11 (1,3/4,2,2,3)						
		6.00	SPT							6
		7.00	D	N=18 (3,3/3,5,5,5)					7	
		7.50	SPT							
		8.50	D	N=26 (2,2/2,5,7,12)						
		9.00	SPT							9
	10.00	D						10		

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
17.00	200	3.00	200	7.40 12.00	7.50 16.50	00:20 04:00					

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at 17mbgl due to drilling refusal in the chalk.
5. Monitoring well installed: Response zone between 1.00m and 16.00mbgl.





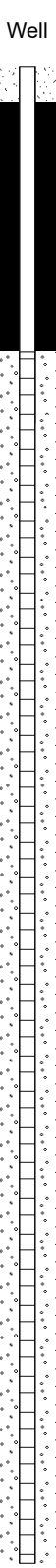
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		10.50	SPT	N=50 (25 for 75mm/50 for 225mm)	16.74	64.10		Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.	11			
		11.00	B									
		11.50	D									
		12.00	SPT	N=15 (3,5/3,2,4,6)							12	
												13
		13.50	SPT	N=50 (25 for 130mm/50 for 215mm)							14	
												15
		15.00	SPT	N=50 (25 for 115mm/50 for 125mm)							16	
								17				
		16.50	SPT	N=50 (25 for 115mm/50 for 125mm)			End of Borehole at 16.740m		18			
								19				
								20				
								21				

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
17.00	200	3.00	200	7.40 12.00	7.50 16.50	00:20 04:00					

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at 17mbgl due to drilling refusal in the chalk.
5. Monitoring well installed: Response zone between 1.00m and 16.00mbgl.





Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									
	0.30	B		0.25	80.62		Bituminous surfacing. MADE GROUND: Brown silty very gravelly SAND. Sand is fine to coarse grained. Gravel is angular to rounded fine to coarse of brick, chert, and flint. MADE GROUND: Brownish greyish white silty gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of chalk, brick, and concrete. [REWORKED NATURAL] Light grey concrete. MADE GROUND: Brownish greyish white clayey silty sandy GRAVEL. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of chalk, brick, and concrete. Low cobble and boulder content of concrete. [REWORKED NATURAL] Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.		
	0.40	ES		0.60	80.27				
	0.80	ES		0.80	80.07				
	1.00	B		1.00	79.87				
	1.50	B		1.70	79.17				
	1.90	B							
	2.00	ES	N=8 (4,2/2,2,2,2)						
	2.00	SPT							
	2.30	ES							
	2.50	D							
	3.00	UT	Ublow=24						
	3.50	D							
	4.00	SPT	N=10 (2,4/3,2,2,3)						
	4.50	D							
	5.00	SPT	N=15 (2,4/3,2,6,4)						
	5.50	D							
	6.00	SPT	N=24 (3,5/6,3,4,11)						
	7.00	D							
	7.50	SPT	N=29 (3,3/7,7,7,8)						
8.50	D								
9.00	SPT	N=28 (4,5/6,6,7,9)							
10.00	B								
10.50	SPT	N=42 (5,4/7,7,13,15)							

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
16.50	200	1.50	200	12.00	16.50	04:00					

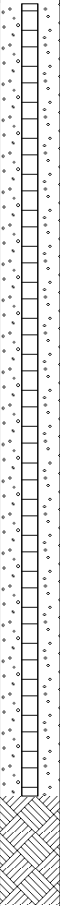
1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Collapse of borehole sides between 0.00-1.70mbgl.
4. Borehole terminated at 16mbgl due to drilling refusal in the chalk.
5. Monitoring well installed: Response zone between 2.00m and 16.00mbgl.





Percussion Drilling Log

Project Name: Starwood House, Letchworth		Client: Letchworth Investment LLP		Date: 17/03/2025	
Location: Starwood House, Letchworth SG6 2TT		Subcontractor: Endeavour Drilling Ltd		Co-ords: E523279.00 N232978.00	
Project No. : 631621.0000.0000		Crew Name: DC, HR		Drilling Equipment: Dando 3000	
Borehole Number CP102	Hole Type CP	Level 80.87m AoD	Logged By Lauren Sadowski	Scale 1:53	Page Number Sheet 2 of 2

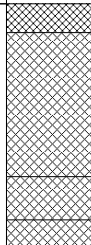
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
								Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.	11		
		11.50	D						12		
		12.00	SPT	N=50 (8,15/50 for 195mm)					13		
		13.00	D						14		
		13.50 13.50	B SPT	N=50 (25 for 135mm/50 for 125mm)					15		
		14.50	D						16		
		15.00 15.00	B SPT	N=50 (25 for 100mm/50 for 120mm)					17		
		16.00	D						18		
	16.50	SPT	N=50 (26 for 85mm/50 for 105mm)	16.76	64.11		End of Borehole at 16.755m	19			
								20			
								21			
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
16.50	200	1.50	200	12.00	16.50	04:00					

Remarks

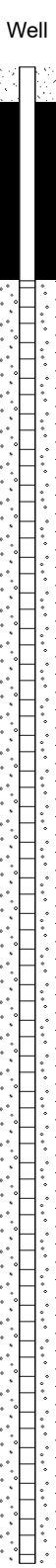
- Utility survey conducted prior to excavation.
- Groundwater not encountered.
- Collapse of borehole sides between 0.00-1.70mbgl.
- Borehole terminated at 16mbgl due to drilling refusal in the chalk.
- Monitoring well installed; Response zone between 2.00m and 16.00mbgl.





Project Name: Starwood House, Letchworth				Client: Letchworth Investment LLP				Date: 17/03/2025 - 19/03/2025			
Location: Starwood House, Letchworth SG6 2TT				Subcontractor: Endeavour Drilling Ltd				Co-ords: E523317.00 N233022.00			
Project No. : 631621.0000.0000				Crew Name: DO				Drilling Equipment: Dando 3000			
Borehole Number CP103		Hole Type CP		Level 81.01m AoD		Logged By Lauren Sadowski		Scale 1:53		Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.10	ES		0.20	80.81		Bituminous surfacing.		1 2 3 4 5 6 7 8 9 10	
		0.40	ES		MADE GROUND: Brownish greyish white silty gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint, chalk, brick, and concrete. [REWORKED NATURAL]						
					MADE GROUND: Reddish brown silty very sandy GRAVEL. Sand is fine to coarse grained. Gravel is sub-angular to rounded fine to coarse of Type 1, chert, and flint.						
					1.20mbgl: Concrete boulder.						
					MADE GROUND: Brownish greyish white silty gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint, chalk, brick, and concrete. Medium cobble concrete of brick and concrete [REWORKED NATURAL]						
					1.70	79.31		End of Borehole at 1.700m			
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
1.70	200										
Remarks											
1. Utility survey conducted prior to excavation.											
2. Groundwater not encountered.											
3. Borehole unstable.											
4. Borehole terminated at 1.70mbgl due to drilling refusal on concrete.											
5. Borehole backfilled with arisings.											



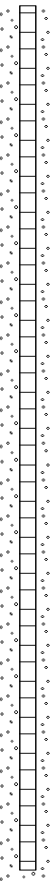
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	D		0.20	80.38		Light grey concrete.	
		0.20	ES		0.30	80.28		MADE GROUND: Brown silty fine to coarse grained SAND.	
		0.40	D		0.50	80.08		Light grey concrete.	
								MADE GROUND: Greyish white silty slightly gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint, chalk, brick, and concrete. [REWORKED NATURAL]	1
		1.20	B		1.00	79.58			
		1.20	SPT	N=20 (3,3/4,4,6,6)					
									
		1.80	D						
		1.80	ES						
		2.00	SPT	N=16 (3,4/5,4,4,3)				Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.	2
									
									
		2.70	D						
		3.00	SPT	N=11 (4,4/3,2,3,3)					3
									
									
		3.70	D						
		4.00	SPT	N=13 (3,4/4,3,3,3)					4
									
									
	4.70	D							
	5.00	UT	Ublow=90					5	
									
	5.45	D							
									
	6.00	SPT	N=21 (7,4/4,4,7,6)					6	
									
									
	7.00	D						7	
									
	7.50	SPT	N=15 (3,3/4,3,4,4)						
								8	
									
	8.50	D							
	9.00	SPT	N=15 (3,4/3,4,4,4)					9	
	10.00	D						10	
	10.50	SPT	N=35 (5,7/7,7,7,14)						

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
16.50	200	1.50	200	14.50	14.70	00:30					
				15.10	15.30	01:00					
				16.00	16.20	00:30					

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at 16.50mbgl due to drilling refusal in the chalk.
5. Monitoring well installed: Response zone between 1.50m and 16.00mbgl.





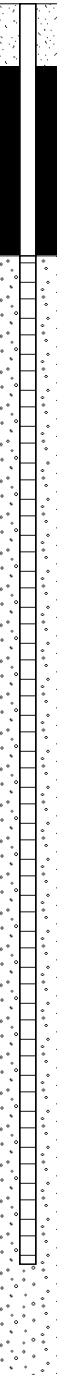
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		11.50	D				Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with occasional black speckling. Grade Dm, locally Dc.	11	
		12.00	SPT	N=49 (12,12/12,11,12,14)					12
		13.00	B						13
		13.50	SPT	N=50 (25 for 75mm/50 for 225mm)					14
		14.50	D						15
		15.00	SPT	N=50 (36 for 75mm/50 for 150mm)					16
		15.30	B						17
		16.00	D						18
		16.50	SPT	N=50 (50 for 75mm/50 for 75mm)	16.65	63.93			19
									20
							End of Borehole at 16.650m	21	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
16.50	200	1.50	200	14.50	14.70	00:30					
				15.10	15.30	01:00					
				16.00	16.20	00:30					

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at 16.50mbgl due to drilling refusal in the chalk.
5. Monitoring well installed: Response zone between 1.50m and 16.00mbgl.





Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	80.64		MADE GROUND: Light brown silty slightly gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of brick, chalk, and flint.	
		0.20	B					0.00-0.20mbgl: Rootlets throughout.	
						Structureless CHALK composed of cream slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded. Grade Dm, locally Dc.			
						0.20-1.50mbgl: Occasional black speckle.			
		1.20	SPT	N=23 (2,4/5,6,6,6)			1		
		1.60	ES						
		2.00	SPT	N=22 (3,4/5,5,6,6)			2		
		2.50	B						
		3.00	SPT	N=21 (4,3/4,3,7,7)			3		
		4.00	SPT	N=21 (4,5/5,4,6,6)			4		
	5.00	SPT	N=19 (3,4/5,5,4,5)			5			
				5.45	75.39		End of Borehole at 5.450m		
								6	

[illegible]

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at target depth of 5.45mbgl.
5. Monitoring well installed: Response zone between 1.00m and 5.00mbgl.





Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20	80.36		Bituminous surfacing.	
		0.40 0.50	ES B					MADE GROUND: Brown clayey very sandy GRAVEL with inclusions of asphalt and plastic. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of brick, concrete, and flint. Low cobble content of brick.	1
		1.00	B		0.80	79.76		MADE GROUND: Greyish white silty slightly gravelly SAND with inclusions of plastic. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint, chalk, brick, and concrete. Low cobble content of brick. [REWORKED NATURAL]	1
		2.00 2.20	SPT D	N=16 (2,3/4,4,3,5)	2.00	78.56		Light brown slightly silty gravelly SAND. Sand is fine to coarse grained. Gravel is sub-rounded to rounded fine to coarse of chert and flint. [GLACIOFLUVIAL DEPOSITS]	2
					2.30	78.26		Structureless CHALK composed of cream with rare orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with rare black speckling. Grade Dm, locally Dc.	
		3.00	SPT	N=13 (2,3/4,3,3,3)					3
		3.70 3.80	B ES					3.50-4.00mbgl: Black silty inclusions.	
		4.00	SPT	N=13 (2,3/3,3,4,3)					4
		5.00	SPT	N=14 (2,3/3,3,4,4)					5
					5.45	75.11		End of Borehole at 5.450m	6

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
1.20	102										
2.00	87										
3.00	75										
4.00	67										
5.00	56										

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at target depth of 5.45mbgl.
5. Monitoring well installed: Response zone between 0.50m and 2.00mbgl.





Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								Bituminous surfacing.
		0.35	80.53					MADE GROUND: Brown clayey silty sandy GRAVEL with inclusions of metal and fibrous material. Sand is fine to coarse grained. Gravel is angular to rounded fine to coarse grained. Gravel consists of brick, chert, flint. Low cobble content of brick
		0.70	80.18					MADE GROUND: Brownish white silty slightly gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint and chalk. [REWORKED NATURAL]
		0.90	ES					
		1.20	SPT	N=50 (6,9/50 for 285mm)				
		1.40						
		1.60						
		1.70						
		2.00	SPT	N=39 (9,11/11,9,10,9)	2.00	78.88		MADE GROUND: Dark brown slightly clayey gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of brick, chalk, and flint.
		2.30				78.58		Light brown slightly silty slightly gravelly SAND. Sand is fine to coarse grained. Gravel is sub-angular to sub-rounded, fine to coarse grained. Gravel consists of chalk and flint. [GLACIOFLUVIAL DEPOSITS]
		2.80	ES					
		3.00	SPT	N=19 (4,5/4,4,5,6)				
		3.70	D					
		4.00	SPT	N=17 (6,4/4,4,5,4)				
		5.00	SPT	N=19 (2,4/4,5,5,5)				
		5.45				75.43		End of Borehole at 5.450m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
1.20	102										
2.00	87										
3.00	75										
4.00	67										
5.00	56										

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at target depth of 5.45mbgl.
5. Monitoring well installed: Response zone between 0.50m and 5.00mbgl.





Windowless Sample Log

Project Name: Starwood House, Letchworth		Client: Letchworth Investment LLP		Date: 17/03/2025	
Location: Starwood House, Letchworth SG6 2TT		Subcontractor: Endeavour Drilling Ltd		Co-ords: E523286.00 N233010.00	
Project No. : 631621.0000.0000		Crew Name: DT, NW, TH		Drilling Equipment: Dando Terrier	
Borehole Number WS108	Hole Type WS	Level 80.93m AoD	Logged By Lauren Sadowski	Scale 1:30	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	ES		0.40	80.53		Bituminous surfacing.	1
		0.50	ES					MADE GROUND: Brownish white silty slightly gravelly SAND. Sand is fine to coarse grained. Gravel is angular to sub-rounded fine to coarse of flint and chalk. [REWORKED NATURAL]	
		1.20	SPT	N=50 (25 for 75mm/50 for 75mm)	1.35	79.58		Light grey concrete.	2
					1.45	79.48		MADE GROUND: Reddish brown clayey very sandy GRAVEL. Sand is fine to coarse grained. Gravel is angular to rounded fine to coarse of brick, chert, concrete, and flint.	
					1.65	79.28		1.65mbgl: Concrete obstruction. End of Borehole at 1.650m	
									3
									4
									5
									6

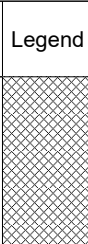
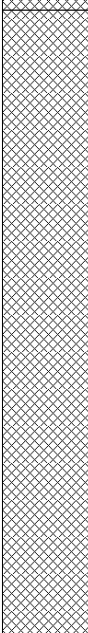
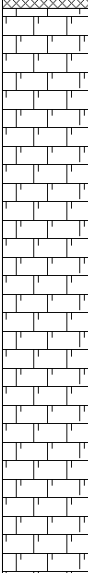
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
1.20 1.65	102 50										

Remarks

- Utility survey conducted prior to excavation.
- Groundwater not encountered.
- Borehole stable throughout.
- Borehole terminated at 1.60mbgl due to drilling refusal on concrete.
- Borehole backfilled with arisings.





Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.10	B		0.70	80.48		MADE GROUND: Dark brown sandy slightly gravelly SILT. Sand is fine to coarse grained. Gravel is angular to sub-rounded, fine to coarse grained. Gravel consists of chalk, brick, chert, and flint. <u>0.00-0.30mbgl: Grass over, rootlets throughout.</u>	-			
		0.30	ES									
		1.20	SPT					N=20 (2,2/6,4,4,6)				1 -
		2.00	SPT	N=15 (2,3/2,2,5,6)	3.20	77.98			2 -			
		3.00	SPT	N=14 (2,3/3,2,4,5)							3 -	
		3.50	ES									
		4.00	B	N=14 (2,2/2,3,4,5)	5.45	75.73		Structureless CHALK composed of cream with occasional orange staining, slightly gravelly sandy clayey SILT. Gravel was very weak to weak, low to medium density, white and subangular to subrounded with rare black speckling. Grade Dm, locally Dc.	4 -			
		4.00	SPT									
		5.00	SPT	N=22 (6,2/7,4,5,6)					5 -			
				End of Borehole at 5.450m								
									6 -			

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
1.20	102										
2.00	87										
3.00	75										
4.00	67										
5.00	56										

1. Utility survey conducted prior to excavation.
2. Groundwater not encountered.
3. Borehole stable throughout.
4. Borehole terminated at target depth of 5.45mbgl.
5. Borehole backfilled with arisings.

