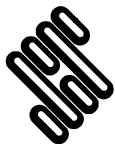


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP110
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 29.13	National Grid Co-ordinate: E:531237.8 N:120724.9	Sheet: 2 of 3

TP110: Pit



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--

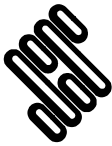


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP110
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 29.13	National Grid Co-ordinate: E:531237.8 N:120724.9	Sheet: 3 of 3

TP110: Spoil



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
---------------------------------------	---	----------------------------------	----------------	--

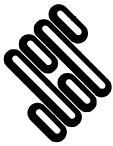


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP111
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 32.58	National Grid Co-ordinate: E:531298.2 N:120812.6	Sheet: 1 of 4

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.35	1	B				Grass over soft light brown slightly sandy clayey SILT with frequent roots (<3 x 5mm). Sand is fine to coarse. (TOPSOIL)	(0.35)	
0.20	2	D					0.35	
0.20-0.30	3	ES						
0.20		PID	0.1ppm					
0.40-0.85	4	B				Very soft to soft orangish grey to mottled orangish brown locally stained reddish brown slightly sandy silty CLAY with frequent pockets (up to 40mm) and coarse gravel of weak mudstone. Sand is fine to coarse. (WEALD CLAY FORMATION)	(0.50)	
0.40	5	D						
0.40-0.50	6	ES	0.1ppm				0.85	
0.40		PID						
0.85	7	D				Extremely weak thinly laminated (1-3mm) orangish to greyish stained reddish brown weathered MUDSTONE. (WEALD CLAY FORMATION)		
0.90	10	D					1.10	
0.90-1.10	9	B						
0.90		PID	0.0ppm					
1.00-1.10	11	B				Extremely weak to weak thinly laminated greyish brown locally stained reddish brown MUDSTONE. (WEALD CLAY FORMATION)	(0.45)	
1.20	13	D						
1.20-1.30	14	ES	0.0ppm				1.55	
1.20		PID						
Trial pit terminated at 1.55m depth due to hard ground condition.								

Plan (Not to Scale)		General Remarks		
		1. Service clearance undertaken by DDS Ltd. 2. No groundwater encountered during investigation. 3. Pit stable during excavation. 4. No suitable material for hand vanes. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with arisings upon completion.		
		All dimensions in metres	Scale:	1:25
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:10 | SG8 |

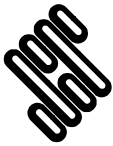


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP111
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 32.58	National Grid Co-ordinate: E:531298.2 N:120812.6	Sheet: 2 of 4

TP111: Pit



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--



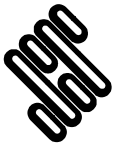
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP111
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 32.58	National Grid Co-ordinate: E:531298.2 N:120812.6	Sheet: 3 of 4

TP111



G:\LIBRARY_v8_07\GLB Lib\Version: v8_07_001 Proj\Version: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:10 | SG8 |

Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
------------------------------------	--	-------------------------------	-------------	--



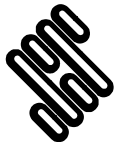
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP111
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 32.58	National Grid Co-ordinate: E:531298.2 N:120812.6	Sheet: 4 of 4

TP111: Reinstatement



G:\NT_LIBRARY_V8_07\GLB Lib\Version: v8_07_001 Proj\Version: v8_07 | Log TRIAL PIT LOG - v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07.
| 11/06/19 - 10:10 | SG8 |

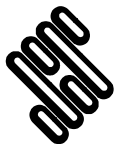
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP112
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 32.75	National Grid Co-ordinate: E:531506.9 N:120827.9	Sheet: 1 of 4

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend		
Depth	No	Type	Results							
0.00-0.30	1	B	1.2ppm			Grass over soft to firm greyish brown locally mottled orange and brown clayey SILT with frequent rootlets (8 x 10mm). Sand is fine. (TOPSOIL)	(0.30)			
0.20	2	D				Soft to firm greyish brown mottled orange and brown slightly sandy silty CLAY with rare pockets (up to 10mm) organic material. Sand is fine. (WEALD CLAY FORMATION)	0.30			
0.20-0.30	3	ES					Firm to stiff greyish brown mottled orange and brown CLAY with occasional pockets (up to 10mm) of reddish brown mudstone. (WEALD CLAY FORMATION)	(1.20)		
0.20	4	PID	0.3ppm			0.70				
0.30-0.70	5	B								
0.30	6	D								
0.30	7	ES	c _u =75/72/74							
0.30	8	PID								
0.70-1.20		B								
0.70		D	c _u =84/82/84							
0.70		V								
1.20	9	D								
1.20		V								
1.70	10	D	0.1ppm					. . . at 1.30m becomes brownish grey mottled reddish brown.	(1.90)	
1.90-2.40	11	B								
1.90	12	D								
2.00		PID						Firm thinly laminated greyish blue mottled orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to angular fine to coarse extremely weak mudstone. (WEALD CLAY FORMATION)	(0.90)	
2.40	13	D							2.80	
2.80	14	D				Trial pit terminated at 2.80m depth.				

Plan (Not to Scale)		General Remarks		
		- Service clearance undertaken by DDS Ltd. - No groundwater encountered during investigation. - Pit stable during excavation. - Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). - Backfilled with arisings upon completion.		
Method Used: Machine dug		Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By: AGS
All dimensions in metres		Scale: 1:25		

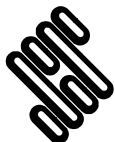


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP112
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 32.75	National Grid Co-ordinate: E:531506.9 N:120827.9	Sheet: 2 of 4

TP112: Pit



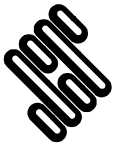
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
------------------------------------	--	-------------------------------	----------------	--



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP112
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 32.75	National Grid Co-ordinate: E:531506.9 N:120827.9	Sheet: 3 of 4

TP112: Spoil



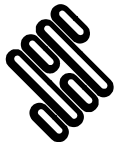


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP112
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 32.75	National Grid Co-ordinate: E:531506.9 N:120827.9	Sheet: 4 of 4

TP112: Reinstatement



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--

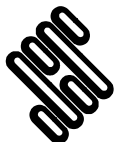


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP113	
Contract Ref: 562943	Start: 09.04.19 End: 09.04.19	Ground Level (m AOD): 31.88	National Grid Co-ordinate: E:531410.1 N:120870.2	Sheet: 1 of 4	

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend		
Depth	No	Type	Results							
0.00-0.50	1	B	0.1ppm			Grass over soft greyish brown locally mottled orange and brown SILT with occasional pockets of firm clay (up to 20mm) and frequent rootlets (<20 x 10mm). (TOPSOIL)	(0.30)			
0.20	2	D				Soft greyish brown slightly gravelly CLAY. Gravel is extremely weak angular to subangular fine to medium of mudstone. (WEALD CLAY FORMATION)	0.30			
0.20-0.30	3	ES PID					(0.40)			
0.20							0.70			
0.60-0.70	4	B	0.1ppm			Firm becoming stiff with depth bluish grey mottled orange and brown CLAY. (WEALD CLAY FORMATION)	(0.80)			
0.60	5	D								
0.60-0.70	6	ES PID								
0.60	7	B	c _u =70/65/75 c _u =82/84/80				(0.80)			
0.70-1.20	8	D								
0.70	9	D								
0.70		V	c _u =90/95/90				1.50			
0.70		V								
1.10		V								
1.40		V								
1.50-2.00	10	B				Soft greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is weathered angular to subangular fine to coarse of mudstone. (WEALD CLAY FORMATION)	(0.90)			
1.50	11	D								
2.00	12	D					2.40			
2.40-2.80	13	B	c _u =84/82/82			Extremely weak distinctly weathered reddish brown MUDSTONE. (WEALD CLAY FORMATION)	(0.40)			
2.40	14	D								
2.80	15	D				Firm to stiff bluish grey mottled orange and brown CLAY with occasional extremely weak gravel of mudstone. (WEALD CLAY FORMATION)	2.90			
2.80-2.90	16	B								
2.80		V								
2.90	17	D				Trial pit terminated at 2.90m depth.				

Plan (Not to Scale)		General Remarks			
		- Service clearance undertaken by DDS Ltd. - No groundwater encountered during investigation. - Pit stable during excavation. - Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). - Backfilled with arisings upon completion.			
		All dimensions in metres		Scale: 1:25	
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:		

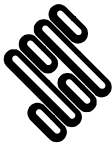
G:\LIBRARY_v8_07\GLB LibVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREES_FARM&LINK_ROAD_GI.GPJ - v8_07.
| 11/06/19 - 10:11 | SG8 |



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP113
Contract Ref: 562943	Start: 09.04.19 End: 09.04.19	Ground Level (m AOD): 31.88	National Grid Co-ordinate: E:531410.1 N:120870.2	Sheet: 2 of 4

TP113: Pit



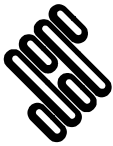


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP113
Contract Ref: 562943	Start: 09.04.19 End: 09.04.19	Ground Level (m AOD): 31.88	National Grid Co-ordinate: E:531410.1 N:120870.2	Sheet: 3 of 4

TP113: Spoil



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	AGS
-----------------------------	---	------------------------	-------------	-----

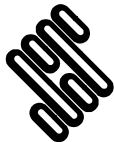


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP113
Contract Ref: 562943	Start: 09.04.19 End: 09.04.19	Ground Level (m AOD): 31.88	National Grid Co-ordinate: E:531410.1 N:120870.2	Sheet: 4 of 4

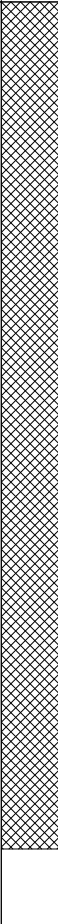
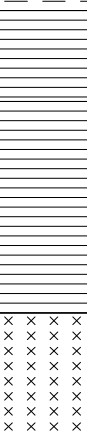
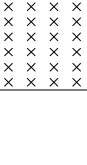
TP113: Reinstatement



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--

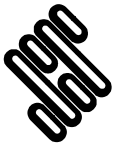


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP114
Contract Ref: 562943	Start: 07.04.19 End: 07.04.19	Ground Level (m AOD): 26.78	National Grid Co-ordinate: E:531434.5 N:120977.2	Sheet: 1 of 4

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.30	1	B	0.1ppm		Grass over soft to firm light brown slightly sandy SILT with frequent rootlets (<15 x 10mm). Sand is fine to coarse. (TOPSOIL)	(0.30)		
0.20	2	D			Soft to firm yellowish brown mottled orange and grey CLAY with rare angular to subangular fine to coarse gravel of mudstone. (WEALD CLAY FORMATION)	0.30		
0.20-0.30	3	ES				(0.80)		
0.20		PID						
0.30-0.80	4	B						
0.30	5	D						
0.30-0.40	6	ES	0.1ppm c _u =70/70/68					
0.30		PID						
0.50		V						
0.80	7	D	c _u =90/88/88		1.10			
1.00		V						
1.10-1.40	8	B			(0.30)			
1.10	9	D						1.40
1.40	10	B	Extremely weak distinctly weathered reddish brown MUDSTONE recovered as slightly sandy angular to subangular fine to coarse gravel. Sand is fine. (WEALD CLAY FORMATION)		(0.70)			
1.40	11	D					Extremely weak distinctly weathered reddish brown MUDSTONE recovered as clayey slightly sandy angular to subangular fine to coarse gravel. Sand is fine. (WEALD CLAY FORMATION)	
			2.10					
1.90	12	D				(0.70)		
2.10-2.60	13	B	Extremely weak to weak grey locally stained reddish brown and blue SILTSTONE. (WEALD CLAY FORMATION)					
2.10	14	D			2.80			
2.60	15	D	Trial pit terminated at 2.80m depth.					

Plan (Not to Scale)		General Remarks		
		- Service clearance undertaken by DDS Ltd. - No groundwater encountered during investigation. - Pit stable during excavation. - Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). - Backfilled with arisings upon completion.		
Method Used: Machine dug		Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By: AGS

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:12 | SG8 |



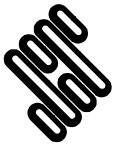
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP114
Contract Ref: 562943	Start: 07.04.19 End: 07.04.19	Ground Level (m AOD): 26.78	National Grid Co-ordinate: E:531434.5 N:120977.2	Sheet: 2 of 4

TP114: Pit



G:\LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREES_FARM&LINK_ROAD_GI.GPJ - v8_07_07 | 11/06/19 - 10:12 | SG8 |

Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--

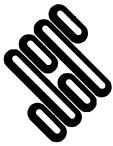


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP114
Contract Ref: 562943	Start: 07.04.19 End: 07.04.19	Ground Level (m AOD): 26.78	National Grid Co-ordinate: E:531434.5 N:120977.2	Sheet: 3 of 4

TP114: Spoil



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--



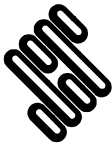
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP114
Contract Ref: 562943	Start: 07.04.19 End: 07.04.19	Ground Level (m AOD): 26.78	National Grid Co-ordinate: E:531434.5 N:120977.2	Sheet: 4 of 4

TP114: Reinstatement



GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_07 | 11/06/19 - 10:12 | SG8 |

Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
-----------------------------	---	------------------------	-------------	--

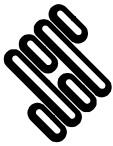


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP115
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 31.54	National Grid Co-ordinate: E:531259.0 N:120858.6	Sheet: 1 of 3

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend
Depth	No	Type	Results					
0.30-0.40 0.30 0.30-0.40 0.45-0.80 0.50 0.50-0.70	1 2 3 4 5 6	B D ES B D ES				Grass over soft to firm light brown slightly sandy clayey SILT with frequent rootlets (3 x 5mm). Sand is fine. (TOPSOIL)	(0.45) 0.45	
						Soft orangish brown and grey mottled orang and brown slightly sandy silty CLAY. Sand is fine. (WEALD CLAY FORMATION)	(0.35) 0.80	
0.90-1.40 0.90 1.00-1.10	7 8 9	B D ES				Extremely weak grey and brown mottled orange and brown locally stained reddish brown MUDSTONE distinctly weathered to slightly sandy gravelly silty clay. Sand is fine. Gravel is angular to subangular fine to coarse of mudstone. (WEALD CLAY FORMATION)	(0.70)	
1.40 1.50-2.00 1.50 1.60-1.70	10 11 12 13	D B D ES				Extremely weak grey and brown stained reddish brown highly oxidised MUDSTONE. (WEALD CLAY FORMATION)	1.50 (0.70) 2.20	
2.00 2.20 2.20	14 15 16	D B D				Extremely weak to weak grey and brown locally stained reddish brown oxidised MUDSTONE. (WEALD CLAY FORMATION)	(0.30) 2.50	
						Trial pit terminated at 2.50m depth due to hard ground conditions.		

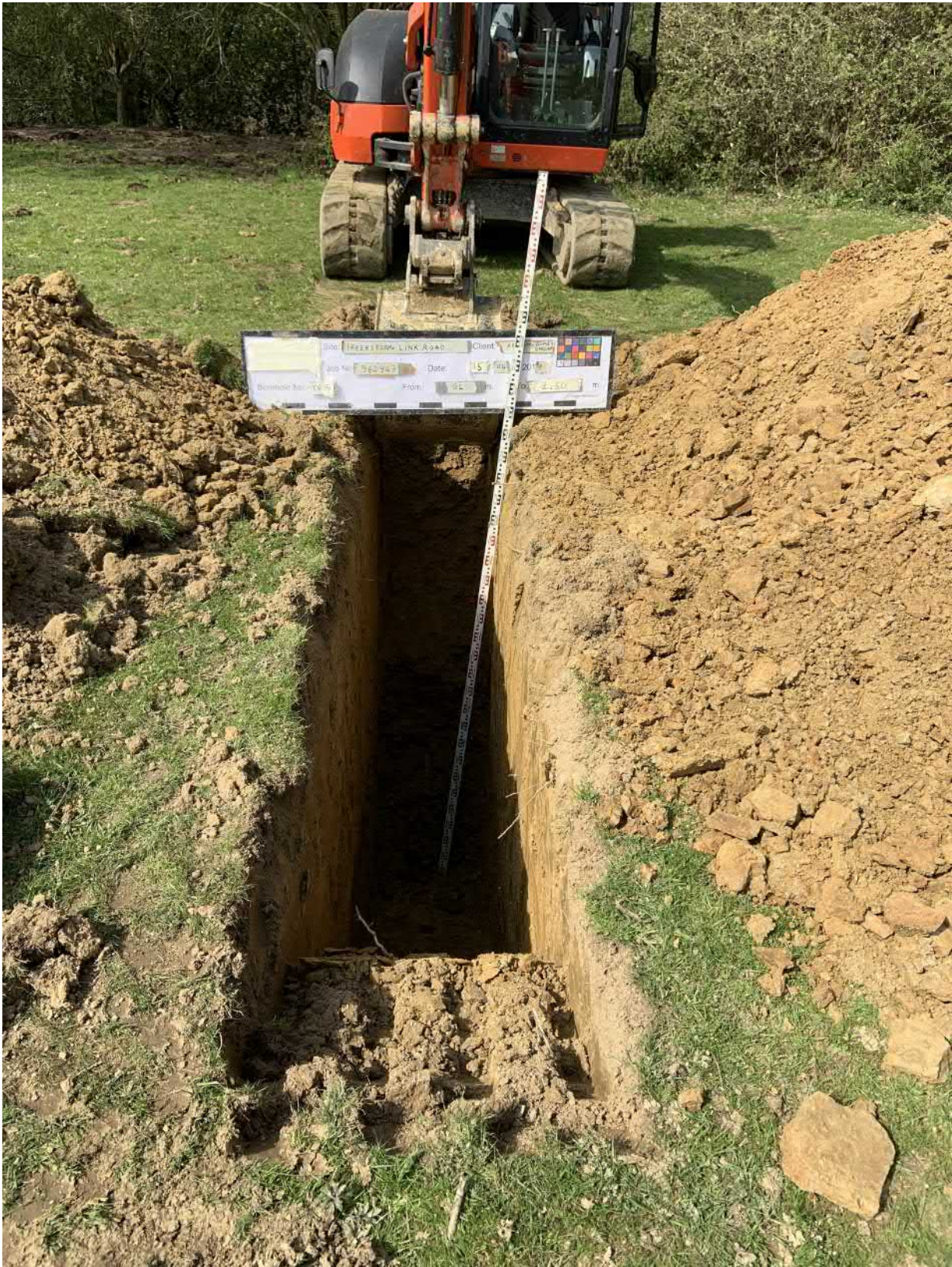
Plan (Not to Scale) 		General Remarks 1. Service clearance undertaken by DDS Ltd. 2. No groundwater encountered during investigation. 3. Pit stable during excavation. 4. No suitable material for hand vanes. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with arisings upon completion.	
All dimensions in metres		Scale: 1:25	
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEEKS_FARM&LINK_ROAD_GI.GPJ - v8_07.
| 11/06/19 - 10:13 | SG8 |

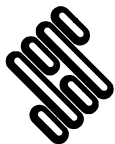


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP115
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 31.54	National Grid Co-ordinate: E:531259.0 N:120858.6	Sheet: 2 of 3

TP115: Pit



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	AGS
--------------------------	--------------------------------------	---------------------	-------------	-----

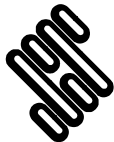


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP115
Contract Ref: 562943	Start: 15.04.19 End: 15.04.19	Ground Level (m AOD): 31.54	National Grid Co-ordinate: E:531259.0 N:120858.6	Sheet: 3 of 3

TP115: Spoil



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
---------------------------------------	---	----------------------------------	----------------	--

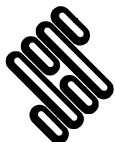


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP116
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 26.97	National Grid Co-ordinate: E:531517.9 N:121009.1	Sheet: 1 of 2

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.35	1	B	0.2ppm		Grass over soft to firm light brown slightly sandy SILT with frequent roots (<5 x 8mm). Sand is fine. (TOPSOIL)	(0.35)		
0.20	2	D			Firm yellowish brown mottled orange and grey slightly sandy silty CLAY with occasional pockets (up to 10mm) of organic material. Sand is fine to coarse. (WEALD CLAY FORMATION)	0.35		
0.20-0.30	3	ES				(0.75)		
0.20		PID						
0.35-0.85	4	B						
0.35	5	D						
0.35-0.45	6	ES	1.10					
0.35		PID						
0.50		V						
1.00	7	D	0.1ppm		Firm greyish brown mottled orange and brown highly oxidised reddish brown slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular to angular fine to coarse extremely weak mudstone. (WEALD CLAY FORMATION)	(0.40)		
1.10-1.50	8	B			Extremely weak orangish brown partially weathered thinly laminated MUDSTONE. Weathered to slightly sandy silty CLAY. (WEALD CLAY FORMATION)	1.50		
1.10	9	D				(0.70)		
1.50-2.00	10	B						
1.50	11	D						
1.80		PID	2.20					
2.20-2.40	12	B	Firm friable thinly laminated (<5mm) bluish grey mottled orange and brown CLAY with rare gravel of siltstone. (WEALD CLAY FORMATION)		2.40			
2.20	13	D			Extremely weak greyish brown locally stained reddish brown MUDSTONE. (WEALD CLAY FORMATION)	2.60		
2.40-2.60	14	B						
2.60	15	D	Trial pit terminated at 2.60m depth.					

Plan (Not to Scale)		General Remarks		
		- Service clearance undertaken by DDS Ltd. - No groundwater encountered during investigation. - Pit stable during excavation. - Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). - Backfilled with arisings upon completion.		
All dimensions in metres		Scale: 1:25		
Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07 | Log TRIAL PIT LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEEKS_FARM&LINK_ROAD_GI.GPJ - v8_07.
| 11/06/19 - 10:13 | SG8 |

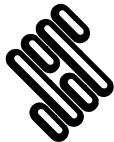


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Trial Pit: TP116
Contract Ref: 562943	Start: 10.04.19 End: 10.04.19	Ground Level (m AOD): 26.97	National Grid Co-ordinate: E:531517.9 N:121009.1	Sheet: 2 of 2

TP116: Pit



Method Used: Machine dug	Plant Used: 13 Ton Tracked Excavator	Logged By: O Jinadu	Checked By:	
------------------------------------	--	-------------------------------	-------------	--



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS101
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 29.21	National Grid Co-ordinate: E:531371.3 N:120255.3	Sheet: 1 of 4

Progress	Samples / Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Window Run	Depth	No	Type	Results					
↑ 1.20 - 1.70 (87mm dia) 80% rec ↕ 1.70 - 2.01 (87mm dia) 0% rec	0.00-0.20	1	B	0.1ppm		Grass over light brown slightly sandy clayey SILT with frequent rootlets. (3mm x 5mm diameter). Sand is fine to coarse. (TOPSOIL)	0.20		
	0.10-0.20	3	ES						
	0.10		PID						
	0.20	2	D						
	0.30-0.80	4	B	0.2ppm		Soft to firm orangish to greyish mottled orangish brown slightly sandy silty CLAY. Sand is fine to coarse. (WEALD CLAY FORMATION)	(0.80)		
	0.30	5	D						
	0.40-0.50	6	ES						
	0.40		PID						
	0.80	7	D	c _u =80/82/80			1.00		
	0.80		V						
	1.00	8	D	0.0ppm 8,10/6,10,7 for 75mm		Extremely weak orangish to greyish brown locally stained reddish brown slightly oxidized MUDSTONE. Recovered as slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse mudstone. (WEALD CLAY FORMATION)	1.20		
	1.00-1.10	9	ES				(0.30)		
	1.00		PID						
1.20-1.51	10	SPT	1.50						
1.40	11	D	7,12/13,19,34 for 75mm	Extremely weak destructured greyish brown MUDSTONE recovered as slightly gravelly sandy SILT. Sand is fine to coarse. Gravel is subangular fine to coarse mudstone. (WEALD CLAY FORMATION)	(0.51)				
1.60	12	D							
1.70-2.01	13	SPT							
				Extremely weak destructured reddish to greyish brown oxidized thinly laminated MUDSTONE recovered as firm to stiff slightly sandy gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone. (WEALD CLAY FORMATION)	2.01				
			Borehole terminated at 2.01m depth upon refusal.						

Drilling Progress and Water Observations						General Remarks						
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)							
18/04/19	09:00	1.70	-	101	Dry	1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. Groundwater not encountered. 4. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 5. 50mm diameter HDPE monitoring standpipe installed to 1.50m (response zone 0.50m-1.50m) upon completion with concreted flush cover.						
						All dimensions in metres		Scale: 1:25				
Method Used:	Tracked window sampling			Plant Used:	Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS

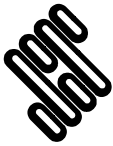


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS101
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 29.21	National Grid Co-ordinate: E:531371.3 N:120255.3	Sheet: 2 of 4

[illegible]

Drilling Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
						6. SPT hammer EQU2321-2019 (E_r = 62.23%) used.

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:24 | SG8 |



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS101
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 29.21	National Grid Co-ordinate: E:531371.3 N:120255.3	Sheet: 3 of 4

WS101: 1.20m-1.70m

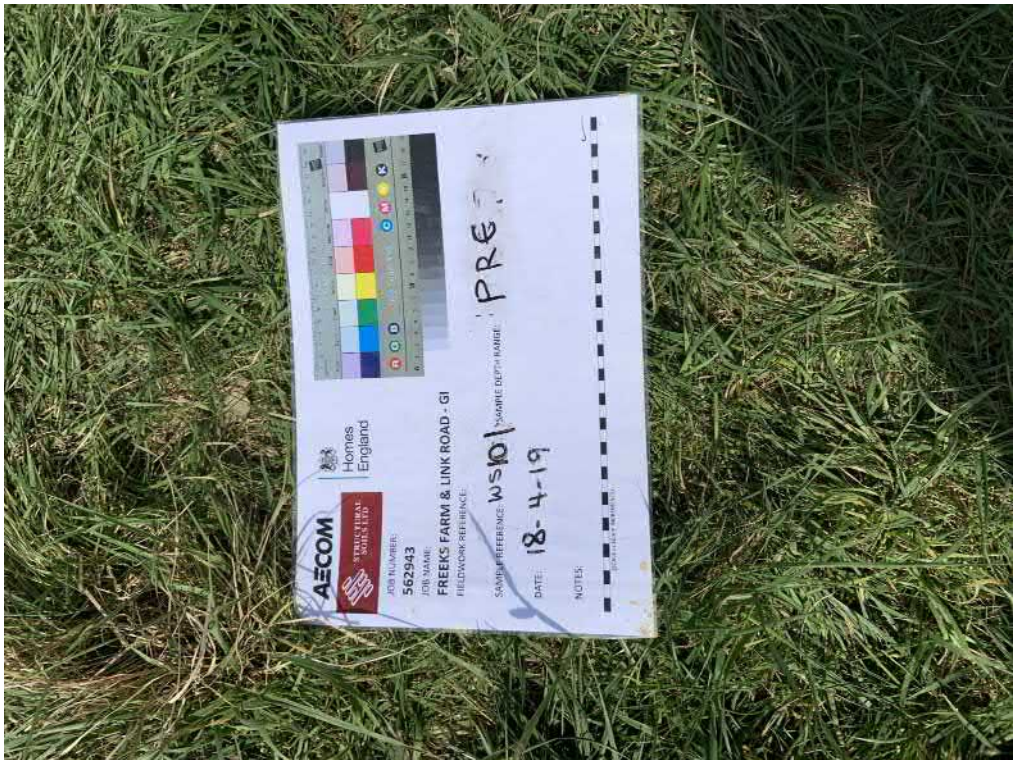


Method Used: Tracked window sampling	Plant Used: Dando Terrier	Drilled By: Oakland SI	Logged By: O Jinadu	Checked By:	AGS
---	------------------------------	---------------------------	------------------------	-------------	-----



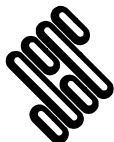
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS101
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 29.21	National Grid Co-ordinate: E:531371.3 N:120255.3	Sheet: 4 of 4

WS101 Before drilling



WS101: Post drilling

Method Used: Tracked window sampling	Plant Used: Dando Terrier	Drilled By: Oakland SI	Logged By: O Jinadu	Checked By:	AGS
---	------------------------------	---------------------------	------------------------	-------------	-----



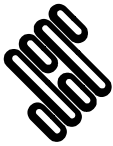
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS103
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 29.99	National Grid Co-ordinate: E:531303.4 N:120358.4		Sheet: 1 of 4

Progress		Samples / Tests			Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Window Run	Depth	No	Type	Results					
	0.00-0.30	1	B				Grass over light brown slightly sandy clayey SILT with occasional rootlets (<4mm diameter). Sand is fine to medium. (TOPSOIL)	(0.30)	
	0.20	2	D						
	0.20-0.50	3	ES						
	0.20		PID	0.1ppm					
	0.40-0.90	4	B						
	0.40	5	D						
	0.50-0.60	6	ES						
	0.50		PID	0.1ppm					
	0.90	7	D					(1.20)	
	1.20-1.65	12	SPT	N=26					
	1.20	12	DSPT				... between 1.20m to 1.50m occasional subangular fine to medium extremely weak mudstone lithorelics.		
	1.40	8	D						
	1.50	9	D						
	1.60-1.70	10	ES				Extremely weak thinly laminated (<3mm) reddish brown locally stained orange and brown oxidised distinctly weathered MUDSTONE. Recovered as slightly sandy gravelly silty stiff friable CLAY. Sand is fine to coarse. Gravel is subangular to angular fine to coarse mudstone. (WEALD CLAY FORMATION)	(0.70)	
	1.60		PID	0.0ppm					
	2.00	11	D						
	2.00-2.45	13	SPT	N=32					
	2.00	13	DSPT					2.20	
	2.30	14	D				Firm to stiff grey and brown mottled orange and brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to medium mudstone. (WEALD CLAY FORMATION)	(0.35)	
	2.40-2.50	15	ES						
	2.40		PID	0.0ppm					
	2.55-2.84	16	SPT	5,12/28,39 for 67mm					
	2.55-2.85	16	DSPT				Extremely weak grey and brown stained reddish brown slightly oxidised distinctly weathered MUDSTONE. Recovered as slightly sandy slightly gravelly silty friable CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse mudstone. (WEALD CLAY FORMATION)	(0.30)	
							Window sample hole terminated at 2.85m depth due to hard ground conditions.	2.85	

Drilling Progress and Water Observations						General Remarks					
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)						
23/04/19	09:00	2.00	-	87	Dry						
23/04/19	09:15	2.55	-	77	Dry						
23/04/19	09:30	2.85	-	67	Dry						
1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No groundwater encountered. 4. No suitable material to take Hand Vanes. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Hole backfilled with bentonite on completion.											
All dimensions in metres					Scale:	1:25					
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS

[illegible]

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:25 SG8 |



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS103
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 29.99	National Grid Co-ordinate: E:531303.4 N:120358.4	Sheet: 3 of 4

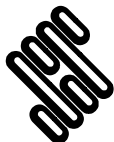
WS103: 1.20m-1.60m



WS103: 2.00-2.55m

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_ | 11/06/19 - 10:25 | SG8 |

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS103
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 29.99	National Grid Co-ordinate: E:531303.4 N:120358.4	Sheet: 4 of 4

WS103: Before drilling



WS103: Post drilling

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS104
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 30.91	National Grid Co-ordinate: E:531389.5 N:120319.5		Sheet: 1 of 4

Progress		Samples / Tests			Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend				
Window Run	Depth	No	Type	Results									
1.20 - 2.00 (87mm dia) 100% rec 2.00 - 2.45 (77mm dia) 0% rec	0.00-0.35	1	B	0.1ppm			Grass over light brown slightly sandy clayey SILT with frequent rootlets (<3mm diameter). Sand is fine. (TOPSOIL)	(0.35)					
	0.20	2	D				0.35						
	0.20-0.30	3	ES				(1.15)						
	0.20		PID										
	0.40-0.90	4	B										
	0.40	5	D										
	0.40-0.50	6	ES	0.1ppm									
	0.40		PID										
	0.90	7	D										
	1.20-1.65	8	SPT	N=14									
	1.20-1.65	8	DSPT										
	1.40	9	D	1.50									
	1.80	10	D	0.0ppm N=64			Stiff reddish brown slightly sandy silty CLAY with rare subangular fine to medium mustone lithorelicts. Sand is fine to coarse.	1.70					
	1.90-2.00	11	ES				Extremely weak grey and brown stained reddish brown slightly oxidised destructured MUDSTONE. Recovered as firm to stiff slightly sandy slightly gravelly friable CLAY. Sand is fine to medium. Gravel is angular to subangular fine to coarse mudstone. (WEALD CLAY FORMATION)	(0.75)					
	1.90		PID										
	2.00-2.45	12	SPT										
	2.00-2.45	12	DSPT										
Window sample hole terminated at 2.45m depth.								2.45					

Drilling Progress and Water Observations						General Remarks					
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)						
23/04/19	10:00	2.00	-	87	Dry						
23/04/19	10:15	2.45	-	77	Dry						
1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No groundwater encountered. 4. No suitable samples to take Hand Vanes. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with bentonite upon completion.											
All dimensions in metres						Scale:	1:25				
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS104
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 30.91	National Grid Co-ordinate: E:531389.5 N:120319.5	Sheet: 2 of 4

[illegible]

Drilling Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
						7. SPT hammer EQU2321-2019 ($E_r = 62.23\%$) used.
						All dimensions in metres Scale: 1:25
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By: Oakland SI
						Logged By: O Jinadu
						Checked By: 

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:26 | SG8 |



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS104
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 30.91	National Grid Co-ordinate: E:531389.5 N:120319.5	Sheet: 3 of 4

WS104: 1.20m-2.00m



Method Used: Tracked window sampling	Plant Used: Dando Terrier	Drilled By: Oakland SI	Logged By: O Jinadu	Checked By:	AGS
---	------------------------------	---------------------------	------------------------	-------------	-----



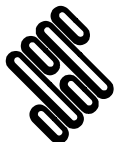
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS104
Contract Ref: 562943	Start: 23.04.19 End: 23.04.19	Ground Level (m AOD): 30.91	National Grid Co-ordinate: E:531389.5 N:120319.5	Sheet: 4 of 4

WS104: Before drilling



WS104: Post drilling

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS105
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.77	National Grid Co-ordinate: E:531378.3 N:120442.8		Sheet: 1 of 4

Progress		Samples / Tests			Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Window Run	Depth	No	Type	Results					
1.20 - 2.00 (87mm dia) 100% rec 2.00 - 2.31 (77mm dia) 0% rec	0.00-0.30	1	B				Grass over soft to firm light brown slightly sandy clayey SILT with frequent rootlets (3mm x 5mm diameter). Sand is fine. (TOPSOIL)	(0.30)	
	0.20	2	D						
	0.20-0.30	3	ES					0.30	
	0.20		PID	0.1ppm					
	0.30-0.80	4	B						
	0.30	5	D						
	0.40-0.50	6	ES						
	0.40		PID	0.1ppm				(0.60)	
	0.80	7	D					0.90	
	0.90-1.20	8	B						
	0.90	9	D						
	1.10-1.20	10	ES						
	1.10		PID	0.0ppm				(0.75)	
	1.20-1.50	11	SPT	3,3/5,5,5 for 75mm			Firm thinly laminated orangish brown mottled reddish brown and grey slightly oxidized slightly sandy gravelly silty CLAY. Sand is fine to medium.. Gravel is angular to subangular fine to coarse of extremely weak mudstone lithorelics. (WEALD CLAY FORMATION)		
	1.70	12	D				Extremely weak thinly laminated orangish brown and grey locally stained reddish brown destructured MUDSTONE recovered as slightly sandy gravelly silty friable CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mudstone lithorelics. (WEALD CLAY FORMATION)	1.65	
	2.00	13	D					(0.66)	
	2.00-2.31	14	SPT	7,12/15,18,16 for 75mm				2.31	
							Borehole terminated at 2.31m depth due to hard ground condition.		

Drilling Progress and Water Observations						General Remarks					
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)						
18/04/19	10:00	2.31	-	77	Dry						
1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No groundwater encountered. 4. No suitable sample to take HV. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. 50 mm diameter HDPE monitoring pipe installed to 2.0m upon completion											
All dimensions in metres					Scale:	1:25					
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS



Drilling Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
						(response zone 1.0m-2.0m) with concreted flush cover. 7. SPT hammer EQU2321-2019 ($E_r = 62.23\%$) used.
						All dimensions in metres Scale: 1:25
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By: Oakland SI Logged By: O Jinadu
						Checked By: 

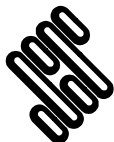


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS105
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.77	National Grid Co-ordinate: E:531378.3 N:120442.8	Sheet: 3 of 4

WS105: 1.20m-2.00m



Method Used: Tracked window sampling	Plant Used: Dando Terrier	Drilled By: Oakland SI	Logged By: O Jinadu	Checked By:	AGS
---	------------------------------	---------------------------	------------------------	-------------	-----



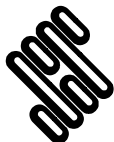
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS105
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.77	National Grid Co-ordinate: E:531378.3 N:120442.8	Sheet: 4 of 4

WS105: Before drilling

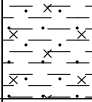
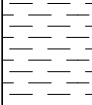


WS105: Post drilling

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS106
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.41	National Grid Co-ordinate: E:531319.5 N:120441.1		Sheet: 1 of 4

Progress	Samples / Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend					
Window Run	Depth	No	Type	Results										
1.20 - 2.00 (87mm dia) 100% rec 2.00 - 2.32 (77mm dia) 0% rec	0.00-0.20	1	B	0.0ppm			Grass over light brown slightly sandy clayey SILT with occasional fragments of rootlets (3mm x 5mm diameter). Sand is fine to coarse. (TOPSOIL)	0.20						
	0.10	2	D											
	0.10-0.20	3	ES											
	0.10		PID	0.0ppm			Soft to firm orangish to greyish brown locally mottled orangish brown slightly sandy silty CLAY. Sand is fine to coarse. (WEALD CLAY FORMATION)	(0.70)						
	0.30-0.80	4	B											
	0.30	5	D											
	0.40-0.50	6	ES	0.0ppm										
	0.40		PID											
	0.80	7	D									0.90		
	1.00-1.20	8	B	0.0ppm 3,5/46,7 for 75mm			Firm extremely friable thinly laminated orangish to greyish brown locally stained reddish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of mudstone. (WEALD CLAY FORMATION)	(0.50)						
	1.00	9	D											
	1.10-1.20	10	ES											
	1.10		PID	0.0ppm						1.40				
	1.20-1.43	11	SPT											
1.40	12	D	0.0ppm			Extremely weak thinly laminated (3 mm) orangish to greyish brown locally stained reddish brown slightly oxidized MUDSTONE. Recovered as slightly gravelly slightly sandy silty CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of friable mudstone. (WEALD CLAY FORMATION)	(0.92)							
1.50-1.60	15	ES												
1.50		PID												
1.90	13	D	7,10/13,22,24 for 75mm											
2.00-2.32	14	SPT										2.32		
														
														
														
														
														
														
Borehole terminated at 2.32m depth upon refusal.														

Drilling Progress and Water Observations						General Remarks			
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No groundwater encountered. 4. No suitable material to take HV. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with bentonite upon completion.			
18/04/19		2.32	-	77	Dry				
Method Used: Tracked window sampling						All dimensions in metres		Scale: 1:25	
Plant Used: Dando Terrier			Drilled By: Oakland SI		Logged By: AHayton + O Jinadu	Checked By:			



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS106
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.41	National Grid Co-ordinate: E:531319.5 N:120441.1	Sheet: 2 of 4

[illegible]

Drilling Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
						7. SPT hammer EQU2321-2019 (E_r = 62.23%) used.
						</

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:26 | SG8 |

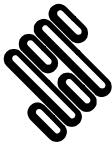


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS106
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.41	National Grid Co-ordinate: E:531319.5 N:120441.1	Sheet: 3 of 4

WS106: 1.20m-2.00m



Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	AHayton + O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	--------------------	-------------	-----



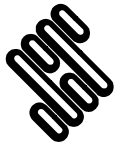
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS106
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 28.41	National Grid Co-ordinate: E:531319.5 N:120441.1	Sheet: 4 of 4

WS106: Before drilling



WS106: Post drilling

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	AHayton + O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	--------------------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS107
Contract Ref: 562943	Start: 17.04.19 End: 17.04.19	Ground Level (m AOD): 33.19	National Grid Co-ordinate: E:531429.5 N:120748.8		Sheet: 1 of 4

Progress	Samples / Tests				Water	Backfill	Description of Strata	Depth (Thick- ness)	Material Graphic Legend			
Window Run	Depth	No	Type	Results								
▲ 1.20 - 1.60 (67mm dia) 100% rec + 1.60 - 1.90 (57mm dia) 100% rec ▲ 1.90 - 2.28 (47mm dia) 0% rec	0.00-0.30	1	B	0.1ppm			Grass over light brown slightly sandy clayey SILT with frequent rootlets (3mm x 3mm). Sand is fine to coarse. (TOPSOIL)	(0.30)				
	0.20	2	D				0.0ppm N=49	0.30				
	0.20-0.30	3	ES									
	0.20		PID	0.0ppm								
	0.40-0.90	4	B									
	0.40	5	D									
	0.50-0.60	6	ES					(0.70)				
	0.50		PID	0.0ppm								
	0.90	7	D	Extremely weak brown and grey locally stained reddish brown MUDSTONE. Recovered as slightly sandy silty subangular to angular fine to coarse GRAVEL. (WEALD CLAY FORMATION)			1.00					
	1.10	8	D									
	1.10-1.20	9	ES	Extremely weak thinly laminated orangish brown locally stained reddish brown and grey oxidised MUDSTONE. Recovered as stiff slightly sandy slightly gravelly silty friable CLAY. Sand is fine to coarse. Gravel is subangular to angular fine to coarse of mudstone. (WEALD CLAY FORMATION)			(0.40)					
	1.10		PID									
	1.20-1.65	10	SPT				1.40					
	1.20-1.65	10	D	7,20/21,20,35 for 75mm			Orangish brown and grey locally stained reddish brown slightly silty clayey subangular to angular fine to coarse GRAVEL of extremely weak mudstone. (WEALD CLAY FORMATION)					
	1.50	11	D					1.60				
	1.80	12	D									
	1.90-2.28	13	SPT					(0.68)				
	1.90-2.30	13	D					2.28				
Window sample hole terminated at 2.28m depth upon refusal.												

Drilling Progress and Water Observations						General Remarks					
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)						
17/10/19	10:00	2.28	-	67	Dry	1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No Groundwater encountered. 4. No suitable sample to take Hand Vane. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with bentonite on completion.					
All dimensions in metres						Scale:		1:25			
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	

[illegible]

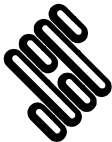


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS107
Contract Ref: 562943	Start: 17.04.19 End: 17.04.19	Ground Level (m AOD): 33.19	National Grid Co-ordinate: E:531429.5 N:120748.8	Sheet: 3 of 4

WS107: 1.20-1.90m



Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



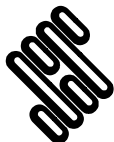
Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS107
Contract Ref: 562943	Start: 17.04.19 End: 17.04.19	Ground Level (m AOD): 33.19	National Grid Co-ordinate: E:531429.5 N:120748.8	Sheet: 4 of 4

WS107: Before drilling



WS107: Post drilling

Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI			Client: Homes England		Window Sample: WS108
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 25.82	National Grid Co-ordinate: E:531373.2 N:120505.1		Sheet: 1 of 4

Progress	Samples / Tests				Water	Backfill	Description of Strata	Depth (Thick ness)	Material Graphic Legend		
Window Run	Depth	No	Type	Results							
1.20 - 2.00 (87mm dia) 100% rec 2.00 - 2.32 (77mm dia) 0% rec	0.00-0.10	1	B	0.1ppm			Grass over soft light brown slightly sandy clayey SILT with occasional rootlets (3 x 5mm diameter). Sand is fine to coarse. (TOPSOIL)	(0.40)			
	0.20	2	D								
	0.30-0.40	3	ES				0.1ppm	Soft to firm orangish brown to grey mottled orangish brown slightly sandy silty CLAY with occasional rootlets. Sand is fine to coarse. (WEALD CLAY FORMATION)	0.40		
	0.30-0.90	4	B								
	0.30	5	PID								
	0.50	5	D								
	0.50	6	PID	0.1ppm				(0.50)			
	0.60-0.90	6	ES					0.90			
	0.90	7	D	1,4/6,6,5 for 75mm			Extremely weak thinly laminated reddish to greyish brown locally mottled orangish brown MUDSTONE. Recovered as slightly sandy clayey angular to subangular fine to medium GRAVEL. (WEALD CLAY FORMATION)	(0.30)			
	0.90-1.30	8	B								
	1.00	9	D					1.20	Extremely weak thinly laminated orangish to greyish brown locally stained reddish brown MUDSTONE. Recovered as firm friable slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is angular to subangular fine to coarse. (WEALD CLAY FORMATION)		
	1.10-1.20	10	ES								
	1.20-1.51	10	SPT								
	1.30	11	D							(0.60)	
	1.40-1.50	12	ES								
	1.40		PID	0.0ppm			Extremely weak thinly laminated reddish to greyish brown locally mottled orangish brown MUDSTONE. Recovered as slightly sandy clayey angular to subangular fine to medium GRAVEL. (WEALD CLAY FORMATION)	1.80			
	1.40		PID								
	1.90	13	D	3,9/16,15,16 for 75mm			Borehole terminated at 2.32m depth upon refusal.	(0.52)			
	2.00-2.32	14	SPT								

Drilling Progress and Water Observations						General Remarks						
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)							
18/04/19	12:30	2.32	-	87	Dry	1. Service clearance undertaken by DDS Ltd. 2. Inspection pit hand dug to 1.20m. 3. No Groundwater encountered. 4. No suitable material to take HV. 5. Weathering classifications applied using BS EN ISO 14689:2018 (approach 4). 6. Backfilled with bentonite upon completion.						
						All dimensions in metres		Scale: 1:25				
Method Used:	Tracked window sampling		Plant Used:		Dando Terrier		Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS

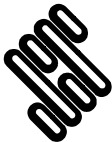


Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS108
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 25.82	National Grid Co-ordinate: E:531373.2 N:120505.1	Sheet: 2 of 4

[illegible]

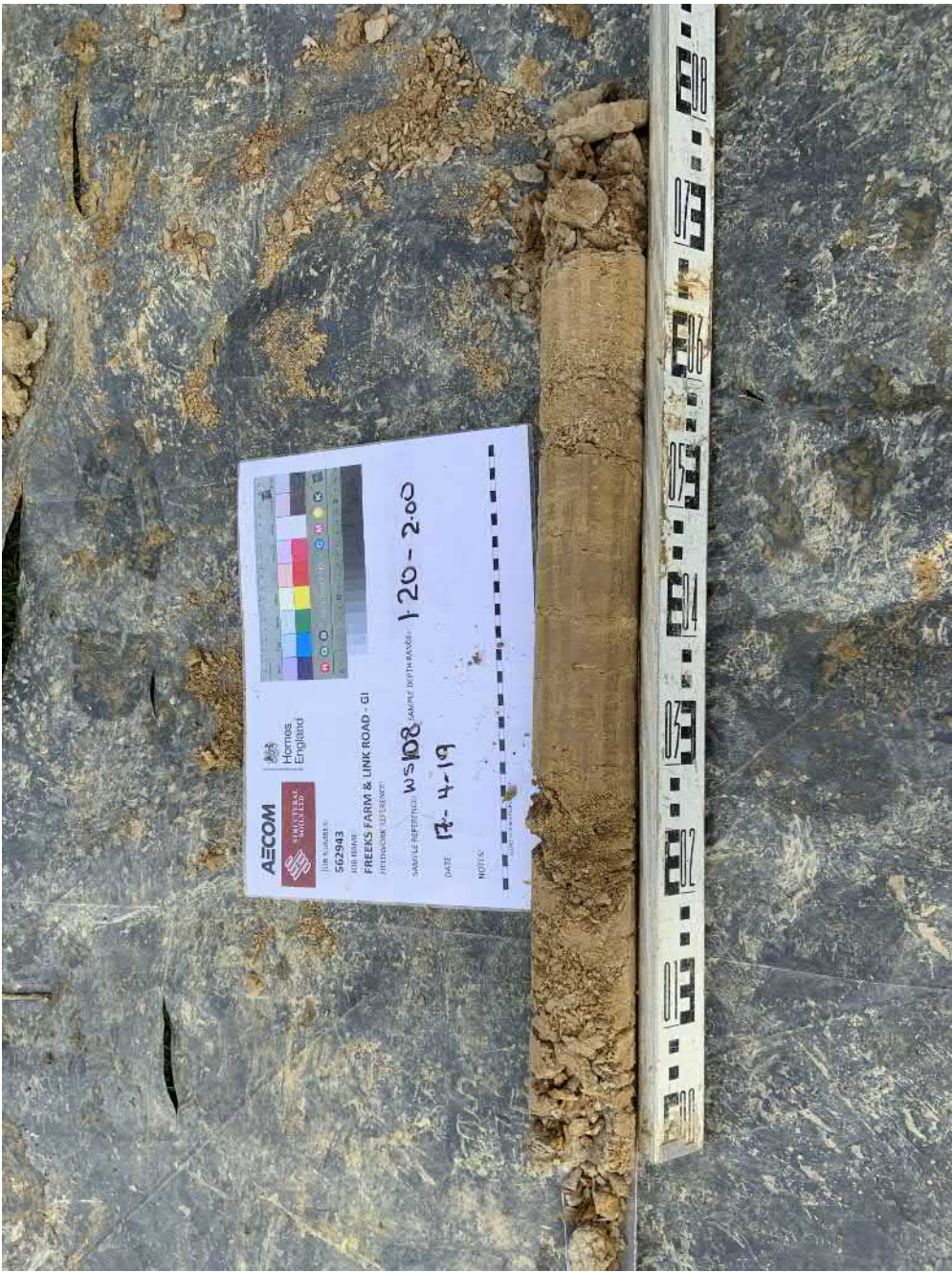
Drilling Progress and Water Observations						General Remarks
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
						7. SPT hammer EQU2321-2019 ($E_r = 62.23\%$) used.
						All dimensions in metres Scale: 1:25
Method Used:	Tracked window sampling		Plant Used:	Dando Terrier		Drilled By: Oakland SI
						Logged By: O Jinadu
						Checked By: 

GINT_LIBRARY_v8_07.GLB LibVersion: v8_07_001 ProjVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 562943_HE_NORTH_ARC_BURGESS_HILL_FREEKS_FARM&LINK_ROAD_GI.GPJ - v8_07_11/06/19 - 10:28 | SG8 |



Contract: HE Northern Arc, Burgess Hill - Freeks Farm & Link Road GI		Client: Homes England		Window Sample: WS108
Contract Ref: 562943	Start: 18.04.19 End: 18.04.19	Ground Level (m AOD): 25.82	National Grid Co-ordinate: E:531373.2 N:120505.1	Sheet: 3 of 4

WS108: 1.20m-2.00m



Method Used:	Tracked window sampling	Plant Used:	Dando Terrier	Drilled By:	Oakland SI	Logged By:	O Jinadu	Checked By:	AGS
--------------	-------------------------	-------------	---------------	-------------	------------	------------	----------	-------------	-----