

Borehole: Photos

WS96
GE20724



Image 1. 1653649125830.jpg:
WindowSamplerPhoto



Geo-Environmental

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL
www.gesl.net

Borehole Log

Borehole No.

WS97

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 519683E - 134150N

Hole Type
WLS

Location: Horsham

Level: 61.97

Scale
1:25

Client: Legal & General

Dates: 27/05/2022

Logged By
KO

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES	4.4kg/cm2	0.40	61.57		Grass overlying brown silty gravelly clay with abundant rootlets and some brick fragments. TOPSOIL	1
		0.50	D					Very stiff orangish brown and pale grey silty CLAY with frequent rootlets. WEALD CLAY	
		0.50 0.60	PP ES						
		1.00	D	5.0kg/cm2	1.20	60.77		Brown silty CLAY with frequent siltstone inclusions and orange staining. WEALD CLAY	2
		1.00	PP						
		1.20	ES	5.0kg/cm2	2.10	59.87		Brown and reddish brown and black stained clayey weakly cemented SILT. WEALD CLAY	3
		1.50	D						
		1.50	PP						
		2.00	D	2.40	59.57		End of Borehole at 2.40m	4	
		2.40	D						
								5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To



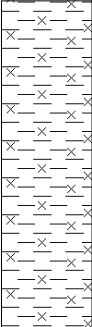
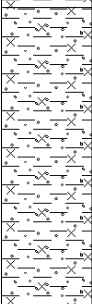
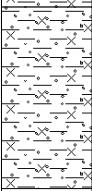
Borehole: Photos

WS97
GE20724



Image 1. 1653652063706.jpg:
WindowSamplerPhoto

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. WS98 Sheet 1 of 1	
Project Name: North Horsham II		Project No. GE20724		Co-ords: 519454E - 133713N		Hole Type WLS	
Location: Horsham				Level: 54.95		Scale 1:25	
Client: Legal & General				Dates: 20/05/2022		Logged By KO	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description					
		Depth (m)	Type	Results									
		0.10	ES	3.8kg/cm2	0.30	54.65		Grass overlying brown silty clay with abundant rootlets. TOPSOIL	1				
		0.50	D					2.2kg/cm2		1.40	53.55		Stiff to very stiff orangish brown and pale grey silty CLAY with some black ferruginous fragments. WEALD CLAY <i>Some rootlets</i>
		0.50	PP										
		0.60	ES										
		1.00	D	1.9kg/cm2	2.40	52.55		Stiff orangish brown and pale grey sandy slightly gravelly CLAY frequent black ferruginous fragments and orange staining. Sand is fine. Gravel is fine to medium sub angular sandstone. WEALD CLAY					
		1.00	PP										
		1.40	ES	2.2kg/cm2	2.40	52.55		Brown and pale grey silty CLAY with weakly cemented silt and orange staining. WEALD CLAY					
		1.50	D										
		1.50	PP										
		2.00	D	2.2kg/cm2	2.40	52.55		Brown and pale grey silty CLAY with weakly cemented silt and orange staining. WEALD CLAY					
2.50	D												
3.00	D	2.2kg/cm2	2.40	52.55		Brown and pale grey silty CLAY with weakly cemented silt and orange staining. WEALD CLAY							
3.00	D												
							End of Borehole at 3.00m	3					
								4					
								5					

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



Borehole: Photos

WS98
GE20724



Image 1. 1653039430159.jpg:
WindowSamplerPhoto



Image 2. 1653040093921.jpg:
WindowSamplerPhoto

 Geo-Environmental	Contract Name: North Horsham II		Client: Legal & General			Trial Pit ID: TP01	
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1	
Trial Pit Log	Easting: 519863.1	Northing: 133266.3	Ground Level: 63.08mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25	
	Weather:		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	ES9			(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL		
			62.78	0.30		Light brown silty slightly sandy CLAY. Occasional rootlets. TUNBRIDGE WELLS SAND	0.5	
0.50 0.50	B7 D1		62.48	0.60		Very stiff orangey brown and grey mottled orange silty slightly sandy gravelly CLAY. Sands are fine. Gravels are coarse subrounded to angular. Sandstone and ironstone inclusions. Black staining. TUNBRIDGE WELLS SAND		
1.00 1.00	B8 D2	PP=4kg/cm2					1.0	
				(1.50)				
1.50	D3	PP=3.5kg/cm2					1.5	
								
2.00	D4	PP=4kg/cm2	60.98	2.10		Very stiff grey mottled orangey brown silty slightly sandy CLAY. Sands are fine. TUNBRIDGE WELLS SAND	2.0	
								
2.50 2.50 2.50	D5 ES10 ES11	PP=3.5kg/cm2		(0.90)			2.5	
								
3.00	D6	PP=3kg/cm2	60.08	3.00		End of Trial Pit at 3.00m	3.0	
							3.5	

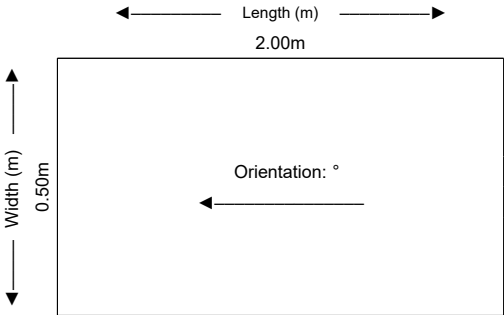
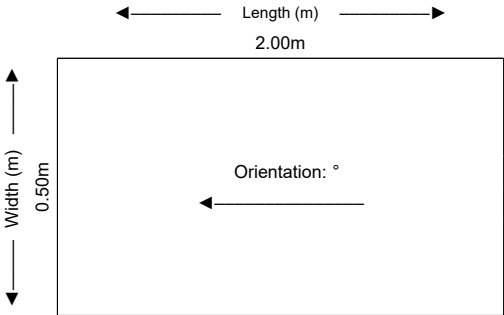
Dimensions:
Final Depth: 3.00m


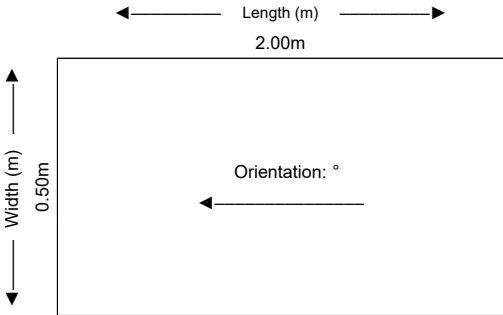
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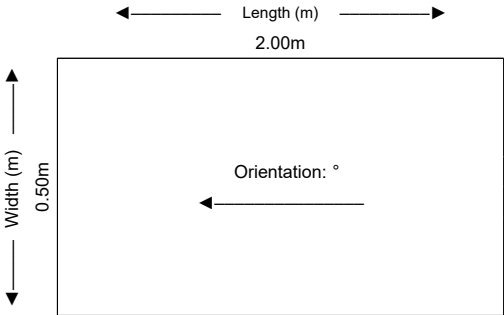
PhotoofPit

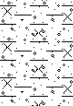
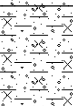
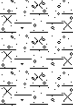
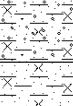
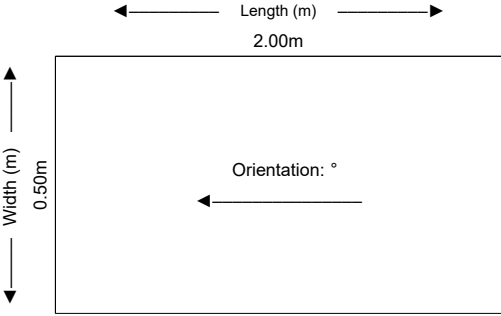
PhotoofSpoil

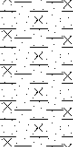
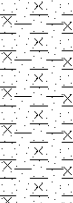
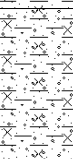
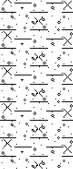
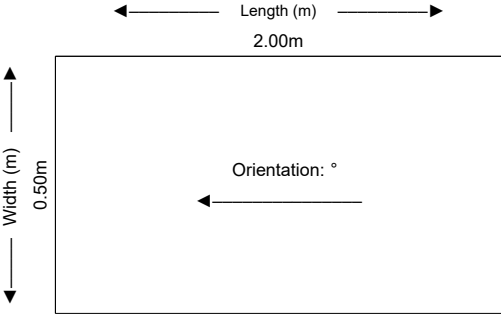
Inclination: °

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP02			
	Contract Number: GE20724	Date Started: 16/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519837.4	Northing: 133182.3	Ground Level: 65.68mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9		65.38	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	B7			0.30		Light brown mottled silty, slightly sandy, slightly gravelly CLAY. Sands are fine to medium. Gravels are fine to coarse sub-rounded to angular. Black staining. TUNBRIDGE WELLS SAND				
0.50	D1			(0.40)		Stiff light brown and grey mottled orange silty, slightly sandy, gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular. Ironstone inclusions and black staining. TUNBRIDGE WELLS SAND				
0.50	ES10		64.98	0.70					1.0	
1.00	B8	PP=3kg/cm2		(1.90)					1.5	
1.00	D2									
1.00	ES11									
1.50	D3	PP=3kg/cm2							2.0	
2.00	D4	PP=3.5kg/cm2							2.5	
2.50	D5	PP=4kg/cm2	63.08	2.60		Very stiff grey mottled orangey brown, silty, slightly sandy CLAY. Sands are fine. Rare black staining. TUNBRIDGE WELLS SAND			3.0	
3.00	D6	PP=4kg/cm2	62.68	3.00		End of Trial Pit at 3.00m			3.5	
Dimensions:						Photo:				
Final Depth: 3.00m						 PhotoofPit				
										
Inclination: °						 PhotoofSpoil				

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP03			
	Contract Number: GE20724	Date Started: 16/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 520062.5	Northing: 133273.3	Ground Level: 66.71mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=3.25kg/cm2	66.41	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	B7			0.30		Light brown silty slightly sandy slightly gravelly CLAY. Sands are fine. Gravels are fine to coarse sub-rounded to angular with Ironstone inclusions and occasional black staining. Rare rootlets. TUNBRIDGE WELLS SAND				
0.50	D1			(0.50)		Very stiff orange brown and grey mottled orange silty sandy slightly gravelly CLAY. Sands are fine to coarse. Gravels are medium to coarse sub-rounded to angular with Ironstone inclusions. and black staining. TUNBRIDGE WELLS SAND				
1.00	B8	PP=4kg/cm2	65.91	0.80		Very stiff orange brown and grey mottled orange silty sandy slightly gravelly CLAY. Sands are fine to coarse. Gravels are medium to coarse sub-rounded to angular with Ironstone inclusions. and black staining. TUNBRIDGE WELLS SAND			1.0	
1.00	D2			(1.00)						
1.50	D3	PP=4kg/cm2	64.91	1.80		Brown, black and grey mottled orange silty, very sandy, very gravelly CLAY. Sands are fine to medium. Gravels are fine to coarse sub-rounded to angular with Ironstone and sandstone inclusions. Black staining. TUNBRIDGE WELLS SAND			1.5	
2.00	D4			(1.20)						
2.00	ES10			3.00						
2.50	D5	PP=4kg/cm2	63.71	3.00		End of Trial Pit at 3.00m			2.0	
3.00	D6			(1.20)						
3.00	ES11	PP=4.5kg/cm2							2.5	
									3.0	
									3.5	
Dimensions:					Photo:					
Final Depth: 3.00m										
										
Inclination: °					PhotoofPit PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II		Client: Legal & General			Trial Pit ID: TP04				
	Contract Number: GE20724	Date Started: 11/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519621.2	Northing: 133345.5	Ground Level: 56.66mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log		Weather:		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	ES9	PP=3kg/cm2	56.36	(0.30)		Grass overlying light brown silty clay. TOPSOIL		0.5		
0.50	B7			56.06	0.30		Very stiff light brown to orange brown silty slightly sandy CLAY with rare rootlets WEALD CLAY			
0.50	D1				(0.30)		Very stiff grey mottled orange brown silty, slightly sandy, slightly gravelly CLAY. Sands are fine. Gravels are fine to medium sub-rounded to sub-angular with rare ironstone inclusions. Rare black staining. WEALD CLAY			
0.50	ES10									
1.00	B8	PP=3kg/cm2	54.96	(1.10)		Brown slightly silty sandy, very gravelly CLAY. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular with ironstone and sandstone inclusions. Black and ferruginous staining. WEALD CLAY		1.0		
1.00	D2									
1.00	ES11									
1.50	D3	PP=3kg/cm2	54.96	1.70		End of Trial Pit at 2.60m		1.5		
2.00	D4	PP=3.5kg/cm2	54.06	(0.90)				2.0		
2.50	D5	PP=3.5kg/cm2	54.06	2.60				2.5		
								3.0		
								3.5		
Dimensions:					Photo:					
Final Depth: 2.60m										
										
Inclination: °					PhotoofPit PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP05			
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519775.3	Northing: 133224.6	Ground Level: 63.56mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=3kg/cm2	63.26	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	B7		63.16	0.30		Very stiff light brown silty slightly sandy CLAY. Occasional rootlets.				
0.50	D1			(0.90)		Very stiff grey mottled orange silty, slightly sandy, very gravelly CLAY interbedded with bands of sandstone and ironstone. Sands are fine. Gravels are coarse sub-rounded to sub-angular. Occasional black staining.			1.0	
1.00	B8					TUNBRIDGE WELLS SAND				
1.00	D2			1.30		Light brown silty sandy, slightly gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to sub-angular with ironstone and sandstone inclusions.			1.5	
1.50	D3					TUNBRIDGE WELLS SAND				
1.50	ES10	PP=3.5kg/cm2		(1.30)					2.0	
2.00	D4									
2.00	ES11	PP=4kg/cm2		2.60					2.5	
2.50	D5									
2.50	D5	PP=4kg/cm2		(0.40)		Very stiff orange brown mottled grey, silty, slightly sandy CLAY. Sands are fine.			3.0	
3.00	D6					TUNBRIDGE WELLS SAND				
3.00	D6	PP=4kg/cm2	60.56	3.00		End of Trial Pit at 3.00m			3.5	
Dimensions:						Photo:				
Final Depth: 3.00m						 PhotoofPit				
										
Inclination: °						 PhotoofSpoil				

 Geo-Environmental	Contract Name: North Horsham II		Client: Legal & General			Trial Pit ID: TP06			
	Contract Number: GE20724	Date Started: 16/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1			
	Easting: 519925.0	Northing: 133225.1	Ground Level: 65.95mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25			
Trial Pit Log									
Weather:		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	ES9	PP=3.5kg/cm2	65.55	(0.40)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL	0.5		
0.50 0.50	B7 D1			0.40		Very stiff brown and grey mottled orange silty slightly sandy CLAY. Sands are fine to coarse. TUNBRIDGE WELLS SAND			
1.00 1.00	B8 D2	PP=3.5kg/cm2		(1.50)			1.0		
1.50 1.50	D3 ES10	PP=3.5kg/cm2							
2.00 2.00	D4 ES11	PP=3.5kg/cm2	64.05	1.90		Very stiff brown and grey mottled orange, silty sandy gravelly CLAY, interbedded with reddish brown ironstone/sandstone. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular. TUNBRIDGE WELLS SAND	2.0		
2.50	D5	PP=4kg/cm2		(1.10)			2.5		
3.00	D6	PP=6.5kg/cm2	62.95	3.00		End of Trial Pit at 3.00m	3.0		
							3.5		
Dimensions:					Photo:				
Final Depth: 3.00m									
									
Inclination: °					PhotoofPit				
					PhotoofSpoil				



neral

TP07

Sheet 1 of 1

Trial Pit Log

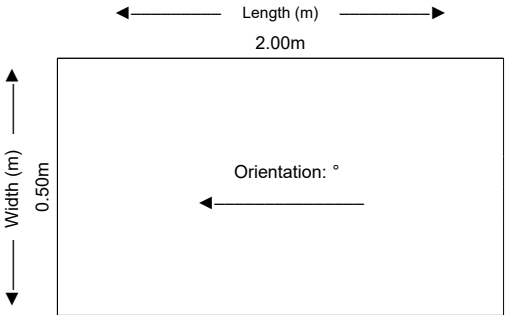
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21/09/2022

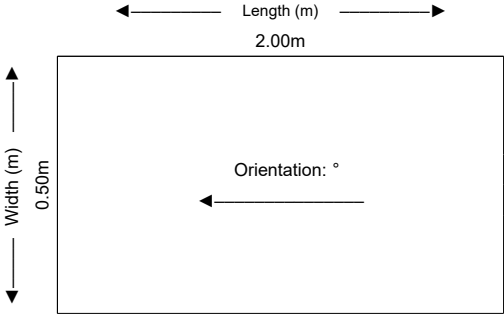
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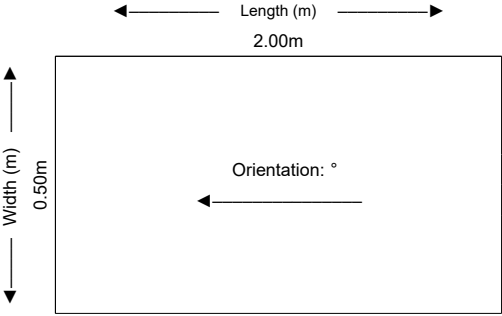
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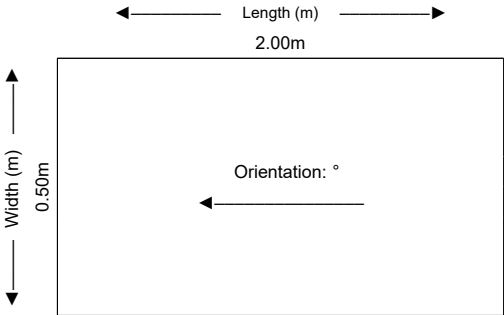
Hole Termination:

Stability:

Dimensions:	Photo:
Final Depth: 1.50m  Length (m) 2.00m Width (m) 0.50m Orientation: °	 Photo of Pit Photo of Spoil
Inclination: °	

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP08			
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519939.5	Northing: 133331.8	Ground Level: 62.22mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=4kg/cm2	61.82	(0.40)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	B7			61.62	0.40		Very stiff light brown mottled silty, slightly sandy CLAY. Sands are fine occasional rootlets. TUNBRIDGE WELLS SAND			
0.50	D1	0.60			Very stiff light brown and grey mottled orange silty, sandy, very gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular with sandstone and ironstone inclusions. Occasional black staining. TUNBRIDGE WELLS SAND			1.0		
1.00	B8	PP=3kg/cm2		(1.10)						
1.00	D2		60.52		1.70	Orange brown slightly silty, very clayey sandy GRAVEL. Sands are fine to coarse. Gravels are coarse sub-rounded to angular with ironstone and sandstone inclusions. Black and ferruginous staining. TUNBRIDGE WELLS SAND			1.5	
1.00	ES11	D3		PP=3.5kg/cm2						
1.50	D3		60.52		1.70				2.0	
2.00	D4	(1.30)								
2.50	D5		59.22	3.00				2.5		
3.00	D6	End of Trial Pit at 3.00m			3.0					
Dimensions:					Photo:					
Final Depth: 3.00m										
										
Inclination: °					PhotoofPit PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP09			
	Contract Number: GE20724	Date Started: 16/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 520098.9	Northing: 133336.6	Ground Level: 64.54mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log				Weather:		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	ES9		64.24	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL				
0.50	B7		64.14	0.30		Brown silty slightly sandy CLAY. Occasional rootlets.				
0.50	D1			0.40		TUNBRIDGE WELLS SAND				
0.50	ES10					Brown slightly silty sandy, very gravelly CLAY. Sands are fine to medium. Gravels are coarse sub-rounded to angular. Ironstone and sandstone inclusions. Black staining.			0.5	
						TUNBRIDGE WELLS SAND				
1.00	B8								1.0	
1.00	D2									
1.00	ES11			(1.40)						
1.50	D3								1.5	
										
			62.74	1.80		Very stiff light brown and grey mottled orange silty, slightly sandy, gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular with sandstone and ironstone inclusions. Black staining.			2.0	
2.00	D4	PP=3.5kg/cm2				TUNBRIDGE WELLS SAND				
									2.5	
2.50	D5	PP=4.5kg/cm2		(1.20)						
									3.0	
3.00	D6	PP=4kg/cm2	61.54	3.00		End of Trial Pit at 3.00m			3.5	
Dimensions:					Photo:					
Final Depth: 3.00m										
										
Inclination: °					PhotoofPit PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP10			
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 520000.0	Northing: 133300.1	Ground Level: 64.67mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=3.5kg/cm2	64.37	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	B7			0.30		Very stiff Light brown mottled silty, slightly sandy CLAY. Sands are fine. TUNBRIDGE WELLS SAND				
0.50	D1			0.60		Very stiff brown silty, sandy, gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular with Ironstone inclusions. Black staining. TUNBRIDGE WELLS SAND				
1.00	B8	PP=3kg/cm2	62.77	(1.30)		Very stiff brown and grey mottled orange silty, slightly sandy, slightly gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular with sandstone and ironstone. Black staining. TUNBRIDGE WELLS SAND			1.0	
1.00	D2									
1.50	D3	PP=3kg/cm2		(1.10)						
2.00	D4	PP=3.5kg/cm2	61.67	1.90		End of Trial Pit at 3.00m			2.0	
2.50	D5	PP=3.5kg/cm2		3.00						
3.00	D6	PP=3.5kg/cm2								
3.00	ES10								3.5	
3.00	ES11									
Dimensions:						Photo:				
Final Depth: 3.00m										
										
Inclination: °						PhotoofPit PhotoofSpoil				



Contract Number:
GE20724

Date Started:	11/05/2022
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Logged By:	TU
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Checked By:	
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Status:

Trial Pit ID:

TP11

Sheet 1 of 1

Trial Pit Log

Easting:	519624.7
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Northings:	133300.6
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Ground Level:	57.75mOD
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Plant Used:

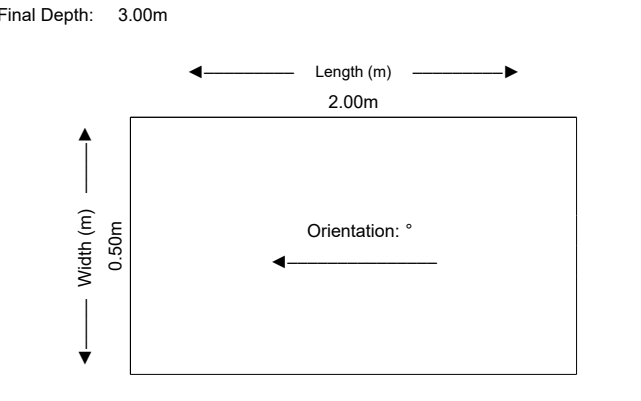
Date Printed:
21/09/20

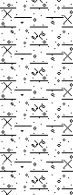
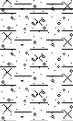
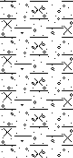
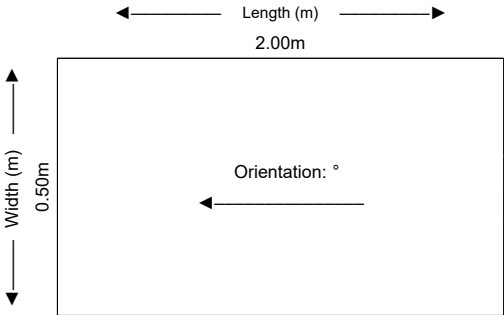
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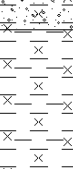
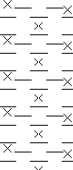
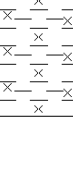
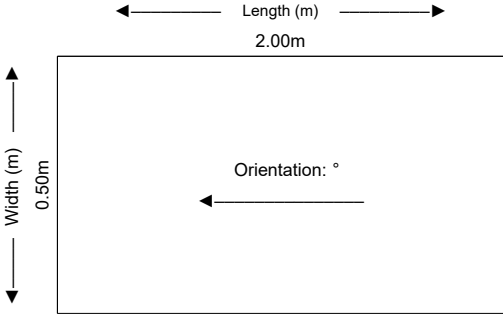
Weather:

Hole Termination:

Stability: Sides stable

Dimensions: Final Depth: 3.00m  Inclination: °	Photo:  PhotoofPit PhotoofSpoil
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 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP12			
	Contract Number: GE20724	Date Started: 09/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519472.3	Northing: 133334.6	Ground Level: 56.37mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES7	PP=3.5kg/cm2	56.07	(0.30)		Grass overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50 0.50	B11 D1			(0.30)		Very stiff grey and orange brown mottled silty, slightly sandy CLAY. Sands are fine. Ironstone inclusions found from 1.70m onwards. WEALD CLAY				
1.00 1.00	B12 D2	PP=4kg/cm2	54.27	(1.80)					1.0	
1.50	D3	PP=3kg/cm2		(1.80)					1.5	
2.00	D4	PP=4kg/cm2	54.27	2.10		Very stiff brown and grey mottled orange brown silty sandy, slightly gravelly CLAY. Sands are fine. Gravels are medium to coarse sub-rounded to angular with Ironstone and sandstone inclusions. Ferruginous staining. WEALD CLAY			2.0	
2.50 2.50	D5 ES8	PP=4kg/cm2		(0.90)					2.5	
3.00 3.00	D6 ES9	PP=4kg/cm2	53.37	3.00		End of Trial Pit at 3.00m			3.0	
									3.5	
Dimensions:					Photo:					
Final Depth: 3.00m										
										
Inclination: °					PhotoofPit PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP13			
	Contract Number: GE20724	Date Started: 09/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519550.1	Northing: 133375.1	Ground Level: 56.24mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Weather:		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	ES7		55.84	(0.40)		Grass overlying brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50 0.50	B10 D1	PP=3kg/cm2		0.40		Very stiff orange brown, grey mottled brown and black silty, slightly sandy, slightly gravelly CLAY. Sands are fine to medium. Gravels are medium to coarse sub-rounded to angular with Ironstone inclusions. Black and ferruginous staining. WEALD CLAY				
1.00 1.00 1.00	B11 D2 ES8	PP=4kg/cm2	54.64	(1.20)					1.0	
1.50	D3	PP=4kg/cm2		1.60		Very stiff grey mottled orange silty CLAY. Black staining to 2.6m WEALD CLAY				
2.00	D4	PP=3.5kg/cm2	53.24	(1.40)					2.0	
2.50	D5	PP=3.5kg/cm2		3.00						
3.00 3.00	D6 ES9	PP=3.5kg/cm2				End of Trial Pit at 3.00m			3.0	
									3.5	
Dimensions:						Photo:				
Final Depth: 3.00m						 PhotoofPit				
										
Inclination: °						 PhotoofSpoil				



Contract Number:
GE20724

Date Started:	12/05/2022
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Logged By:	TU
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Checked By:	
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Status:

Trial Pit ID:

TP14

Sheet 1 of 1

Trial Pit Log

Easting:	519756.8
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Northings:	133193.0
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Ground Level:	64.20mOD
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Plant Used:

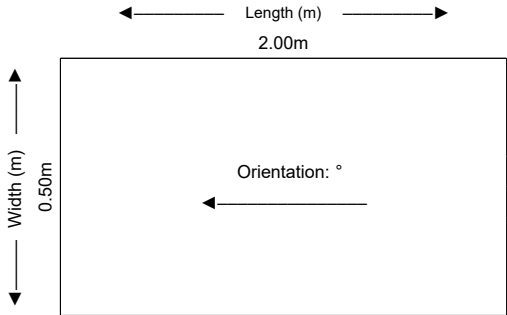
Date Printed:
21/09/2022

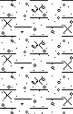
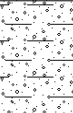
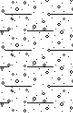
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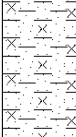
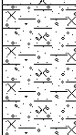
Weather:

Hole Termination:

Stability:

Dimensions:	Photo:
Final Depth: 3.00m  Length (m) 2.00m Width (m) 0.50m Orientation: °	 PhotoofPit PhotoofSpoil
Inclination: °	

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP15			
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 520150.1	Northing: 133375.1	Ground Level: 63.26mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=3kg/cm2	62.86	(0.40)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50	D1			0.40		Very stiff orange brown, light brown and grey mottled orange silty, sandy, gravelly CLAY. Sands are fine. Gravels are coarse sub-rounded to angular with Ironstone and sandstone inclusions. Black staining. TUNBRIDGE WELLS SAND				
0.50	ES10									
0.50	ES7			(0.80)					1.0	
1.00	D2	PP=3kg/cm2	62.06	1.20		Orange brown slightly silty very clayey sandy GRAVEL. Sands are fine. Gravels are coarse sub-rounded to angular with Ironstone and sandstone inclusions. Occasional black staining. TUNBRIDGE WELLS SAND			1.5	
1.00	ES8									
1.50	D3			(0.80)					2.0	
1.50	ES11									
2.00	D4		61.26	2.00		End of Trial Pit at 2.00m			2.5	
									3.0	
									3.5	
Dimensions:						Photo:				
Final Depth: 2.00m										
← Length (m) → 2.00m ↑ Width (m) ↓ 0.50m Orientation: °										
Inclination: °						Photo of Pit Photo of Spoil				

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP16				
	Contract Number: GE20724	Date Started: 13/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1					
	Easting: 519999.7	Northing: 133377.8	Ground Level: 60.90mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25					
Trial Pit Log											
Weather:		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	ES9	PP=3.5kg/cm2	60.60	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5		
0.50	B7			60.40	0.50		Very stiff orange brown and light brown mottled silty CLAY. Occasional rootlets. TUNBRIDGE WELLS SAND				
0.50	D1						Very stiff brown and grey mottled orange silty slightly sandy CLAY. Sands are fine. Black staining TUNBRIDGE WELLS SAND				
0.50	ES10										
1.00	B8	PP=3.5kg/cm2	59.70	(0.70)		Very stiff brown and grey mottled orange silty, slightly sandy, gravelly CLAY interbedded with ironstone and sandstone. Sands are fine. Gravels are coarse sub-rounded to angular with ironstone and sandstone inclusions. Black staining. TUNBRIDGE WELLS SAND			1.0		
1.00	D2										
1.00	ES11	PP=3kg/cm2	58.90	(0.80)		End of Trial Pit at 2.00m			1.5		
1.50	D3										
2.00	D4			2.00					2.0		
									2.5		
									3.0		
									3.5		
Dimensions:						Photo:					
Final Depth: 2.00m											
← Length (m) → 2.00m ↑ Width (m) ↓ 0.50m Orientation: °											
Inclination: °						Photo of Pit Photo of Spoil					



Geo-Environmental

Contract Name:
North Horsham II

Contract Number:
GE20724

Date Started:
11/05/2022

Logged By:
TU

Checked By:

Status:

Client:

Legal & General

Trial Pit ID:
TP17

Sheet 1 of 1

Trial Pit Log

Easting:
519699.9

Northing:
133375.2

Ground Level:
56.61mOD

Plant Used:

Date Printed:
21/09/2022

Scale:
1:25

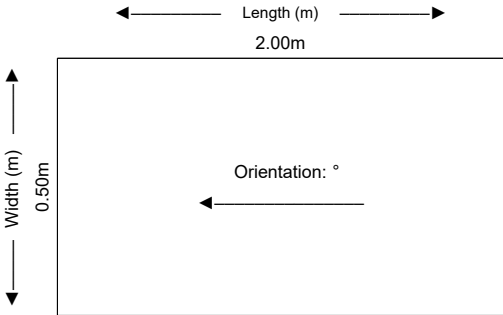
Weather:

Hole Termination:

Stability: Sides stable

Dimensions:

Final Depth: 3.00m



Inclination: °

Photo:




PhotoofPit

PhotoofSpoil



Contract Name:
North Horsham II

Contract Number:
GE20724

Date Started:
10/05/2022

Logged By:
TU

Checked By:

Status:

Client:
Legal & General

Trial Pit ID:
TP18

Trial Pit Log

Easting:
519775.0

Northing:
133449.9

Ground Level:
57.34mOD

Plant Used:

Date Printed:
21/09/2022

Sheet 1 of 1
Scale:
1:25

Weather:

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	ES9	PP=3.5kg/cm2	57.14	0.20		Crop over light brown silty clay with abundant rootlets. TOPSOIL		
			56.94	0.40		Very stiff light brown silty, slightly sandy CLAY. Sands are fine. WEALD CLAY		
0.50 0.50	B7 D1					Very stiff brown and grey mottled orange slightly silty, sandy, slightly gravelly CLAY. Sands are fine to medium. Gravels are fine to coarse sub-rounded to angular with Ironstone inclusions. Black staining. Land drain at 0.6m. WEALD CLAY		
1.00 1.00	B8 D2	PP=4kg/cm2		(1.40)			1.0	
1.50	D3	PP=4kg/cm2					1.5	
			55.54	1.80		Very stiff brown and grey mottled orange slightly silty, sandy, gravelly CLAY. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular with Ironstone inclusions. Black staining and damp from 1.8m bgl. WEALD CLAY	2.0	
2.00 2.00	D4 ES11	PP=4.5kg/cm2		(0.40)				
			55.14	2.20		Very stiff orange mottled grey silty, slightly sandy CLAY. Sands are fine. WEALD CLAY	2.5	
2.50	D5	PP=4kg/cm2		(0.50)				
			54.64	2.70		Brown slightly silty, sandy, gravelly CLAY. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular. WEALD CLAY	3.0	
3.00 3.00	D6 ES10		54.34	3.00		End of Trial Pit at 3.00m	3.5	

Dimensions:

Final Depth: 3.00m

Length (m)
2.00m

Width (m)
0.50m

Orientation: °

Inclination: °

Photo:



PhotoofPit



PhotoofSpoil



Geo-Environmental

Contract Name:
North Horsham II

Contract Number:
GE20724

Date Started:
11/05/2022

Logged By:
TU

Checked By:

Status:

Client:

Legal & General

Trial Pit ID:
TP19

Sheet 1 of 1

Trial Pit Log

Easting:
520083.8

Northing:
133431.5

Ground Level:
60.92mOD

Plant Used:

Date Printed:
21/09/2022

Scale:
1:25

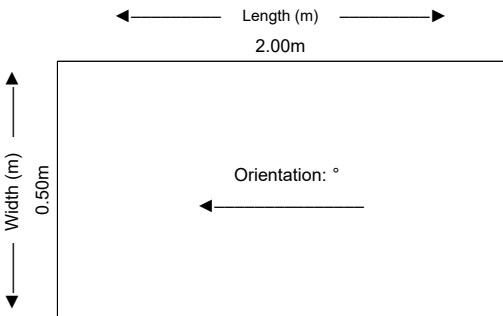
Weather:

Hole Termination:

Stability: Sides stable

Dimensions:

Final Depth: 3.00m



Inclination: °

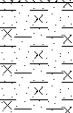
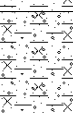
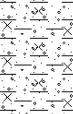
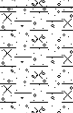
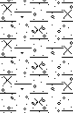
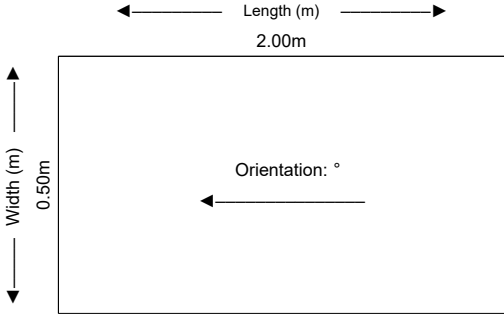
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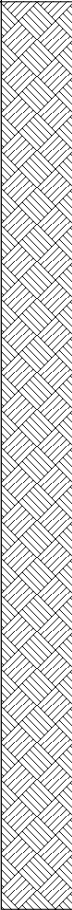
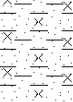
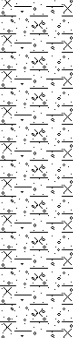



11/05/2022 12:53

PhotoofPit

PhotoofSpoil

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP20			
	Contract Number: GE20724	Date Started: 10/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1				
	Easting: 519924.9	Northing: 133450.1	Ground Level: 58.81mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25				
Trial Pit Log										
Weather:		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	ES9	PP=3.5kg/cm2	58.51	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL			0.5	
0.50 0.50	B7 D1			(0.40)		Very stiff light brown mottled silty, slightly sandy CLAY. Sands are fine. Rare rootlets WEALD CLAY				
1.00 1.00	B8 D2	PP=4.5kg/cm2	58.11	0.70		Very stiff brown and grey mottled orange silty slightly sandy slightly gravelly CLAY. Sands are fine to medium. Gravels are fine to coarse sub-rounded to angular with sandstone and ironstone inclusions. Black staining. WEALD CLAY			1.0	
				(1.10)						
1.50	D3	PP=3.5kg/cm2	57.01	1.80		Very stiff light brown and grey mottled orange silty, sandy, gravelly CLAY. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular with Ironstone inclusions. Black and ferruginous staining. WEALD CLAY			1.5	
1.70	ES11									
2.00	D4	PP=4kg/cm2	55.81	3.00		End of Trial Pit at 3.00m			2.0	
2.50 2.50	D5 ES10	PP=3.75kg/cm2		(1.20)					2.5	
3.00	D6	PP=3.76kg/cm2							3.0	
									3.5	
Dimensions:					Photo:					
Final Depth: 3.00m					 PhotoofPit					
										
Inclination: °					 PhotoofSpoil					

 Geo-Environmental	Contract Name: North Horsham II		Client: Legal & General			Trial Pit ID: TP21		
	Contract Number: GE20724	Date Started: 06/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1		
Trial Pit Log	Easting: 519383.0	Northing: 133478.4	Ground Level: 54.54mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25		
	Weather:		Hole Termination:		Stability:			
Samples & In Situ Testing			Strata Details				Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description		
0.30	ES7	PP=2.5kg/cm2	54.14	(0.40)		Grass overlying light brown silty slightly sandy clay with abundant rootlets. TOPSOIL	0.5	
0.50	D1			0.40		Very stiff light brown silty CLAY with rare rootlets. WEALD CLAY		
				0.60		Very stiff grey mottled orange silty slightly sandy CLAY. WEALD CLAY		
1.00	D2	PP=2.5kg/cm2	53.44	(0.50)		Very stiff orange brown and black silty sandy CLAY. Sandstone inclusions throughout. Ferruginous staining. WEALD CLAY	1.0	
1.50	D3	PP=2.75kg/cm2		1.10				
1.70	ES8							
2.00	D4	PP=3kg/cm2	51.94	(1.50)		Stiff brown silty CLAY. WEALD CLAY	2.0	
2.50	D5	PP=3.5kg/cm2		2.60				
				(0.40)				
3.00	D6	PP=3.5kg/cm2	51.54	3.00		End of Trial Pit at 3.00m	3.0	
							3.5	
Dimensions:						Photo:		
Final Depth: 3.00m								
← Length (m) → 2.00m ↑ Width (m) ↓ 0.50m Orientation: ° ←								
Inclination: °						Photo of Spoil		



Geo-Environmental

Contract Name:
North Horsham II

Contract Number:
GE20724

Date Started:
09/05/2022

Logged By:
TU

Checked By:

Status:

Client:

Legal & General

Trial Pit ID:
TP22

Sheet 1 of 1

Trial Pit Log

Easting:
519474.8

Northing:
133413.8

Ground Level:
55.35mOD

Plant Used:

Date Printed:
21/09/2022

Scale:
1:25

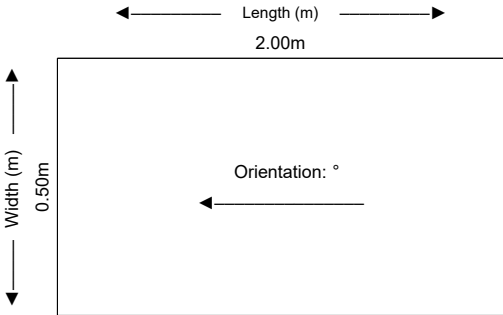
Weather:

Hole Termination:

Stability: Sides stable

Dimensions:

Final Depth: 3.00m



Inclination: °

Photo:




PhotoofPit

PhotoofSpoil



Contract Number:
GE20724

Date Started:	11/05/2022
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Logged By:	TU
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Checked By:

Status:

Trial Pit ID:

TP23

Sheet 1 of 1

Trial Pit Log

Easting:	520073.0
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Northings:	133494.0
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Ground Level:	59.58mOD
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Plant Used:

Date Printed:	21/09/2
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Scale: 1:25

Weather:

Hole Termination:

Stability: Sides stable

Dimensions:	Photo:
Final Depth: 3.00m Diagram illustrating the dimensions and orientation of the pit: - Length (m): 2.00m - Width (m): 0.50m - Orientation: ° Inclination: °	Photo of the pit wall, showing soil layers and vegetation. PhotoofPit Photo of the pit spoil pile, showing excavated soil and vegetation. PhotoofSpoil

 Geo-Environmental	Contract Name: North Horsham II		Client: Legal & General			Trial Pit ID: TP24	
	Contract Number: GE20724	Date Started: 10/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1	
Trial Pit Log	Easting: 519775.2	Northing: 133525.0	Ground Level: 57.27mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25	
	Weather:		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	ES9	PP=4.5kg/cm2	56.97	(0.30)		Crop overlying light brown silty clay with abundant rootlets. TOPSOIL	0.5	
0.50	B7		56.67	(0.30)		Very stiff light brown silty, slightly sandy CLAY. WEALD CLAY		
0.50	D1			(0.60)		Very stiff grey mottled light brown silty, slightly sandy, slightly gravelly CLAY with Ironstone inclusions. Black staining. WEALD CLAY		
1.00	B8	PP=3.5kg/cm2		(1.20)			1.0	
1.00	D2							
1.00	ES10							
1.50	D3	PP=3kg/cm2	55.47	1.80		Very stiff grey mottled orange silty, slightly sandy CLAY. Sands are fine. WEALD CLAY	1.5	
2.00	D4	PP=4kg/cm2		(0.80)			2.0	
2.50	D5	PP=4.5kg/cm2		54.67			2.60	Light brown slightly silty sandy, very gravelly CLAY. Sands are fine to coarse. Gravels are fine to coarse sub-rounded to angular with sandstone inclusions. Rare black staining. WEALD CLAY
3.00	D6		54.27	3.00		End of Trial Pit at 3.00m	3.0	
							3.5	

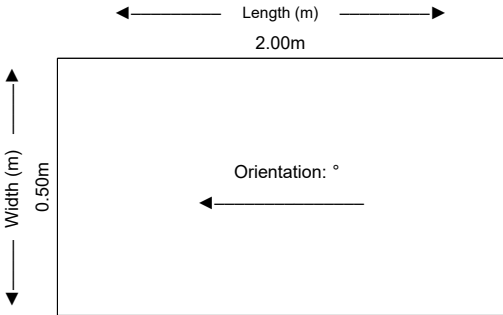
Dimensions:
Final Depth: 3.00m


Photo:

PhotoofPit

PhotoofSpoil

Inclination: °



Geo-Environmental

Contract Name:
North Horsham II

Contract Number:
GE20724

Easting:
519550.0

Date Started:
09/05/2022

Logged By:
TU

Ground Level:
55.20mOD

Client:
Legal & General

Checked By:

Plant Used:

Trial Pit ID:
TP25

Status:

Date Printed:
21/09/2022

Sheet 1 of 1

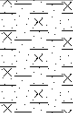
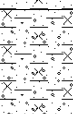
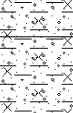
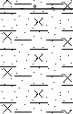
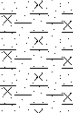
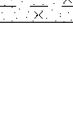
Scale:
1:25

Trial Pit Log

Weather:

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	ES9	PP=3.5kg/cm2	54.80	(0.40)		Grass overlying brown very silty clay with abundant rootlets TOPSOIL	0.5	
0.50 0.50	B7 D1			(0.70)		Very stiff brown and grey mottled orange silty, slightly sandy CLAY. Sands are fine to medium. WEALD CLAY		
1.00 1.00 1.00 1.00	B8 D2 ES10 ES11	PP=3kg/cm2	54.10	1.10		Very stiff orange brown and black silty sandy, slightly gravelly CLAY. Sands are fine to medium. Gravels are fine to coarse sub-rounded to angular with Ironstone and sandstone inclusions. Ferruginous staining. WEALD CLAY	1.5	
1.50	D3	PP=3kg/cm2		(0.50)		Dark brown and black gravelly clayey SAND/sandy CLAY. Sands are fine to coarse. Gravels are fine to coarse sub- rounded to angular with Ironstone and sandstone. Black and ferruginous staining. WEALD CLAY		
2.00	D4	PP=3kg/cm2	53.10	2.10		Very stiff grey to dark brown silty slightly sandy CLAY. WEALD CLAY	2.5	
2.50	D5	PP=3.5kg/cm2		(0.90)				
3.00	D6	PP=3.5kg/cm2	52.20	3.00		End of Trial Pit at 3.00m	3.0	
							3.5	

Dimensions:

Final Depth: 3.00m

Length (m)
2.00m

Width (m)
0.50m

Orientation: °

Inclination: °

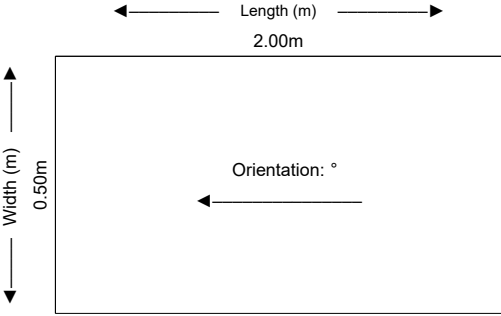
Photo:



Photo of Pit



Photo of Spoil

 Geo-Environmental	Contract Name: North Horsham II			Client: Legal & General			Trial Pit ID: TP26				
	Contract Number: GE20724	Date Started: 06/05/2022	Logged By: TU	Checked By:	Status:	Sheet 1 of 1					
	Easting: 519325.1	Northing: 133525.1	Ground Level: 54.13mOD	Plant Used:	Date Printed: 21/09/2022	Scale: 1:25					
Trial Pit Log		Weather:		Hole Termination:			Stability:				
Samples & In Situ Testing				Strata Details					Water	Backfill	
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.20	ES7	PP=3kg/cm2	53.83	(0.30)		Grass overlying brown silty CLAY. Abundant rootlets. TOPSOIL			0.5		
0.50	B10			53.63	0.50		Grey and brown mottled silty, slightly sandy CLAY with rare rootlets. WEALD CLAY				
0.50	D1						Very stiff light brown mottled orange silty CLAY. Ferruginous staining at 0.8m bgl WEALD CLAY				
1.00	B11	PP=3kg/cm2	52.33	(1.30)		Dark brown and black slightly silty, sandy gravelly CLAY. Sands are fine. Gravels are fine to coarse sub-rounded to sub-angular with occasional sandstone and ironstone inclusions. Ferruginous staining. WEALD CLAY			1.0		
1.00	D2					Dark brown and black slightly silty, sandy gravelly CLAY. Sands are fine. Gravels are fine to coarse sub-rounded to sub-angular with occasional sandstone and ironstone inclusions. Ferruginous staining. WEALD CLAY					
1.50	D3	PP=4kg/cm2	51.53	1.80		Very stiff brown silty CLAY. WEALD CLAY			1.5		
2.00	D4					Very stiff brown silty CLAY. WEALD CLAY					
2.50	D5	PP=4.5kg/cm2	51.13	(0.40)		End of Trial Pit at 3.00m			2.0		
2.50	ES9					End of Trial Pit at 3.00m					
2.80	ES8					End of Trial Pit at 3.00m					
3.00	D6								2.5		
									3.0		
									3.5		
Dimensions:						Photo:					
Final Depth: 3.00m											
											
Inclination: °						PhotoofPit PhotoofSpoil					