

Borehole: Photos

WS54
GE20724



Image 1. 1653400692342.jpg:
WindowSamplerPhoto



Geo-Environmental

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

Borehole Log

Borehole No.

WS55

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 133900E - 133900N

Hole Type
WLS

Location: Horsham

Level: 62.50

Scale
1:25

Client: Legal & General

Dates: 24/05/2022

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	3.5kg/cm2	0.30	62.20		Grass overlying brown silty clay with orange staining and abundant rootlets. TOPSOIL	1
		0.50	D					Very stiff orangish brown and pale grey silty CLAY with orange staining and some rootlets. WEALD CLAY	
		0.50	PP						
		0.60	ES						
		1.00	D						
		1.20	ES						
		1.50	D			Brown, reddish brown and black stained silty clayey weakly cemented sandstone GRAVEL. WEALD CLAY	2		
2.00	D								
2.30	D								
					2.30	60.20	End of Borehole at 2.30m		3
									4
									5

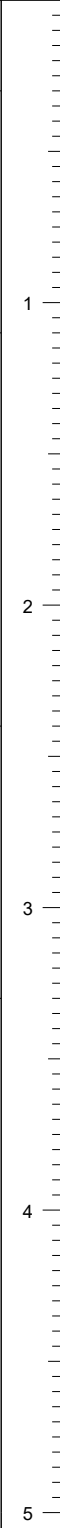
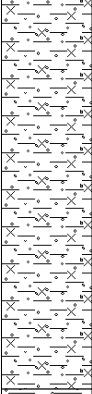
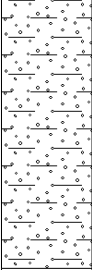
Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Dry

Borehole: Photos

WS55
GE20724



Image 1. 1653404026849.jpg:
WindowSamplerPhoto

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS56 Sheet 1 of 1		
Project Name: North Horsham II				Project No. GE20724		Co-ords: 519475E - 133900N		Hole Type WLS		
Location: Horsham				Level: 57.67		Scale 1:25				
Client: Legal & General				Dates: 25/05/2022		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	4.2kg/cm2	0.30	57.37		Crop overlying brown silty clay with frequent rootlets. TOPSOIL		
		0.50 0.50 0.60	D PP ES					4.4kg/cm2		1.10
		1.00 1.00	D PP	2.40	55.27		Orangish brown and pale grey silty CLAY with rare weakly cemented silt. WEALD CLAY			
		1.50	D				3.30	54.37		
		2.00	D	End of Borehole at 3.30m						
		2.50	D							
		2.80	ES							
		3.00	D							
		3.30	D							
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To



Borehole: Photos

WS56
GE20724



Image 1. 1653498177113.jpg:
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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS57

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 519415E - 133974N

Hole Type
WLS

Location: Horsham

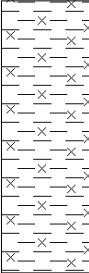
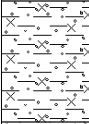
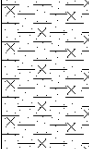
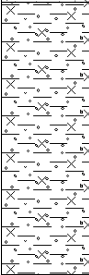
Level: 59.90

Scale
1:25

Client: Legal & General

Dates: 25/05/2022

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	59.60		Crop overlying brown silty slightly gravelly clay with frequent rootlets. TOPSOIL		
		0.50 0.50	D PP					Very stiff silty CLAY with black ferruginous fragments, orange staining and some rootlets. WEALD CLAY		
		0.80	ES	4.4kg/cm2	1.20	58.70		Very stiff brown and pale grey sandy gravelly CLAY with black ferruginous fragments and orange. Gravel is fine to medium sub angular sandstone and ironstone. WEALD CLAY	1	
		1.00 1.00	D PP							
		1.50 1.50	D PP	5.0kg/cm2	1.60	58.30		Very stiff brown silty CLAY with black ferruginous fragments and some decomposed rootlets and pale blue staining. WEALD CLAY	2	
		2.00 2.00	D PP	5.0kg/cm2	2.10	57.80		Brown and pale bluish grey silty CLAY with abundant weak siltstone. WEALD CLAY		
		2.20	ES							
		2.50	D	3.00	56.90		End of Borehole at 3.00m	3		
		3.00	D							
										4
										5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Collapse to 2.8m bgl





Borehole: Photos

WS57
GE20724



Image 1. 1653490455304.jpg:
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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS58

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 520225E - 133975N

Hole Type
WLS

Location: Horsham

Level: 64.17

Scale
1:25

Client: Legal & General

Dates: 24/05/2022

Logged By
KO

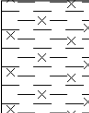
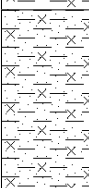
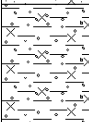
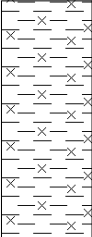
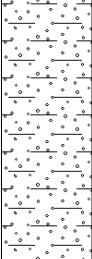
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES	3.9kg/cm2	0.30	63.86		Grass overlying brown silty clay with black flecking and abundant rootlets. TOPSOIL	1
		0.50	D		0.70	63.46		Stiff brown and grey silty CLAY with frequent rootlets and orange staining. WEALD CLAY	
		0.50	PP						
		0.60	ES						
		1.00	D	2.1kg/cm2	1.30	62.86		Stiff orangish brown and pale grey silty sandy CLAY with black ferruginous fragments and reddish orange staining. WEALD CLAY	
		1.00	PP						
		1.20	ES	3.2kg/cm2	1.70	62.46		Orangish brown and pale grey silty CLAY with weakly silt and orange staining. WEALD CLAY	
		1.50	PP						
1.70	D								
							End of Borehole at 1.70m	2	
								3	
								4	
								5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To
					Dry				
									





Image 1. 1653399671376.jpg:
WindowSamplerPhoto

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net			Borehole Log				Borehole No. WS59 Sheet 1 of 1		
Project Name: North Horsham II			Project No. GE20724		Co-ords: 519550E - 133975N		Hole Type WLS		
Location: Horsham					Level: 59.62		Scale 1:25		
Client: Legal & General					Dates: 25/05/2022		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	4.3kg/cm2	0.30	59.32		Crop overlying brown silty clay with frequent rootlets. TOPSOIL	
	0.50 0.50 0.60	D PP ES	4.4kg/cm2		1.10	58.52		Very stiff orangish brown and pale grey silty CLAY with orange staining WEALD CLAY	
	1.00 1.00 1.10	D PP ES					Orangish brown and brown silty clayey weakly cemented siltstone gravel. WEALD CLAY		
	1.50	D							
		2.00	D		2.00	57.62		End of Borehole at 2.00m	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To



Borehole: Photos

WS59
GE20724



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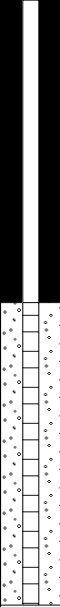
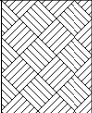
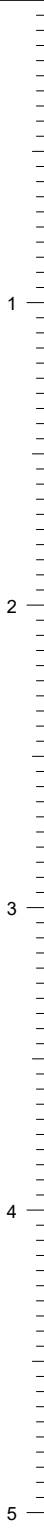
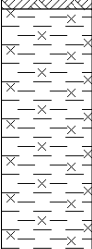
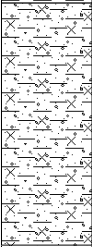
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS60 Sheet 1 of 1	
Project Name: North Horsham II				Project No. GE20724		Co-ords: 520090E - 133977N		Hole Type WLS	
Location: Horsham				Level: 62.26		Scale 1:25			
Client: Legal & General				Dates: 23/05/2022		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		0.40	61.86		Grass overlying brown silty clay with abundant rootlets, black flecking and orange staining. TOPSOIL	
	0.50 0.50 0.60	D PP ES	3.3kg/cm2				Stiff orangish brown and pale grey mottled silty CLAY with black ferruginous fragments and orange staining. WEALD CLAY		
	1.00 1.00	D PP	2.6kg/cm2		Orangish brown and pale grey silty sandy CLAY with weakly cemented silts and reddish brown staining. WEALD CLAY				
	1.50 1.50	D PP	2.9kg/cm2						
	1.80	ES							
	2.00	D							
	End of Borehole at 2.00m								
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Dry				





Image 1. 1653311536006.jpg:
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Unit 7, Danworth Farm
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Borehole Log

Borehole No.

WS61

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 519808E - 134174N

Hole Type
WLS

Location: Horsham

Level: 63.44

Scale
1:25

Client: Legal & General

Dates: 18/05/2022

Logged By
KO

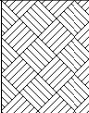
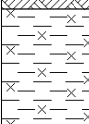
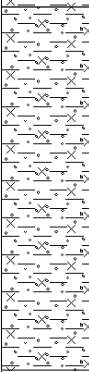
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES	4.7kg/cm2	0.40	63.04		Grass overlying brown silty sandy CLAY with abundant rootlets. Sand is fine. TOPSOIL	1
		0.50 0.50 0.60	D PP ES					Very stiff brown and pale grey silty CLAY with rootlets. WEALD CLAY	
		1.00 1.00	D PP	5.0kg/cm2	0.80	62.64		Brown and pale grey silty CLAY with frequent tabular siltstone inclusions. WEALD CLAY	
		1.50 1.60	D ES						
		2.00	D						
					2.00	61.44		End of Borehole at 2.00m	
								3	
									4
									5
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike	Rose To					







Image 1. 1652877974186.jpg:
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 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS62 Sheet 1 of 1	
Project Name: North Horsham II				Project No. GE20724		Co-ords: 519541E - 134203N		Hole Type WLS	
Location: Horsham				Level: 66.36		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									
		0.10	ES	4.1kg/cm2	0.30	66.06		Grass overlying brown silty gravelly clay with abundant rootlets and some black flecking. Gravel is fine to medium sub angular siltstone. TOPSOIL	1				
		0.50	D					3.3kg/cm2		0.90	65.46		Stiff orangish brown and pale grey silty CLAY with frequent rootlets. WEALD CLAY
		0.50	PP										
		0.60	ES										
		1.00	D	5.0kg/cm2	2.30	64.06		Very stiff silty gravelly CLAY with brown and orange staining. Gravel is fine to coarse tabular sandstone. WEALD CLAY					
		1.00	PP										
		1.50	D										
1.50	PP	2.00	D	2.70	63.66		<u>Semi decomposed root 15mm</u>	2					
1.60	ES												
2.70	D					End of Borehole at 2.70m		3					
									4				
									5				

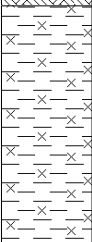
Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	





Image 1. 1653648031364.jpg:
WindowSamplerPhoto

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS63 Sheet 1 of 1	
Project Name: North Horsham II				Project No. GE20724		Co-ords: 520150E - 134050N		Hole Type WLS	
Location: Horsham				Level: 62.39		Scale 1:25			
Client: Legal & General				Dates: 23/05/2022		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		0.30	62.09		Grass overlying brown silty clay with black flecking, abundant rootlets and roots 1-2mm. TOPSOIL	1
		0.50	D					Stiff orangish brown and pale grey silty CLAY with some rootlets and orange staining. WEALD CLAY	
		0.70	ES						
		1.00	D						
		1.20	ES		1.10	61.29		Brown and pale grey clayey weakly cemented SILT. WEALD CLAY	
		1.40	D		1.40	60.99		End of Borehole at 1.40m	
									2
									3
									4
									5

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





Image 1. 1653310802125.jpg:
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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS64

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 519550E - 134050N

Hole Type
WLS

Location: Horsham

Level: 60.92

Scale
1:25

Client: Legal & General

Dates: 25/05/2022

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	3.9kg/cm2	0.30	60.62		Crop overlying brown silty gravelly clay with frequent rootlets TOPSOIL	1 -





Image 1. 1653496533038.jpg:
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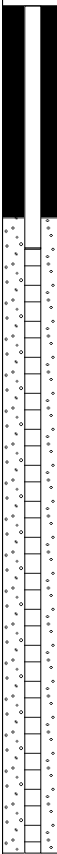
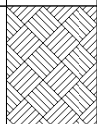
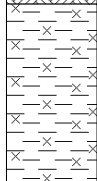
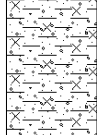
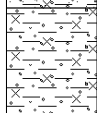
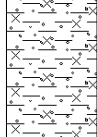
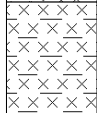
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Project No. GE20724 Co-ords: 519395E - 134063N				Borehole No. WS65 Sheet 1 of 1		
Project Name: North Horsham II				Location: Horsham		Level: 62.31		Hole Type WLS		
Client: Legal & General				Dates: 25/05/2022		Scale 1:25		Logged By KO		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.20	ES		0.40	61.91		Grass overlying brown silty clay with abundant rootlets and roots 1-2mm. TOPSOIL		
	0.50 0.50	D PP	5.0kg/cm2				Very stiff orangish brown and pale grey silty CLAY with orange staining, some rootlets and roots 1-3mm. WEALD CLAY			
	0.70	ES								
	1.00 1.00	D PP	3.5kg/cm2	1.10	61.21		Very stiff orangish brown and pale grey silty sandy gravelly CLAY with frequent black ferruginous fragments and orange staining. Sand is fine. Gravel is fine to medium sub angular sandstone. WEALD CLAY			
	1.50 1.50	D PP	4.1kg/cm2			1.60	60.71			Stiff reddish brown silty CLAY and weakly cemented silt and black and reddish brown staining. WEALD CLAY
	2.00 2.00	D PP	4.6kg/cm2	2.40	59.91					
	2.50 2.60	D ES					Brown and reddish brown and black stained weakly cemented SILT. WEALD CLAY			
	2.80	D								
					2.80	59.51		End of Borehole at 2.80m		
	Dynamic Sampling Run Details Depth Top Depth Base Diameter		Water Strike Details (mbgl) Depth Strike Rose To		Remarks					



Image 1. 1653488669477.jpg:
WindowSamplerPhoto



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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS66

Sheet 1 of 1

Project Name: North Horsham II

Project No.
GE20724

Co-ords: 520075E - 134050N

Hole Type
WLS

Location: Horsham

Level: 61.79

Scale
1:25

Client: Legal & General

Dates: 18/05/2022

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	3.6kg/cm2	0.30	61.49		Grass overlying brown silty clay with abundant rootlets and roots 1-2mm. TOPSOIL	1		
		0.50	D					Stiff orangish brown and pale grey silty CLAY with frequent rootlets and orange staining and black ferruginous fragments. WEALD CLAY			
		0.50	PP							Brown silty sandy CLAY with siltstone inclusions and black ferruginous fragments. WEALD CLAY	
		0.60	ES							Brown silty CLAY with rare fine to coarse weakly cemented siltstone gravel. WEALD CLAY	
		1.00	D	4.3kg/cm2	1.10	60.69			2		
		1.00	PP								
		1.50	D								
		2.00	D								
		2.20	ES	2.60	59.19		End of Borehole at 2.60m	3			
		2.40	D								
											4
											5
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks							
Depth Top	Depth Base	Diameter	Depth Strike							Rose To	

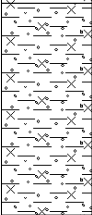






Image 1. 1652893913348.jpg:
WindowSamplerPhoto

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS67 Sheet 1 of 1	
Project Name: North Horsham II				Project No. GE20724		Co-ords: 519426E - 133788N		Hole Type WLS	
Location: Horsham				Level: 55.54		Scale 1:25			
Client: Legal & General				Dates: 23/05/2022		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	4.2kg/cm2	0.20	55.34	       	Grass overlying brown silty clay with black ferruginous fragments and abundant rootlets and roots 1-3mm. TOPSOIL	1
	0.50 0.50 0.60	D PP ES	Very stiff orangish brown and pale grey silty CLAY with orange staining and some rootlets. WEALD CLAY						
	1.00	D			Brown and pale grey interbedded silty CLAY and weakly cemented silt with orange staining. WEALD CLAY				
	1.20	ES							
	1.50	D							
			1.60	53.94		End of Borehole at 1.60m	2		
								3	
								4	
								5	

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





Image 1. 1653316600794.jpg:
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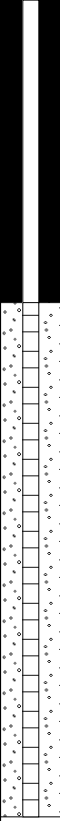
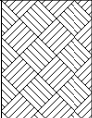
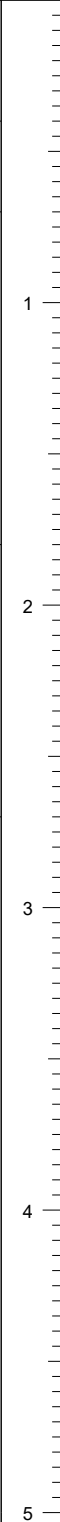
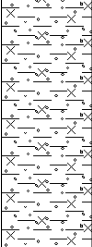
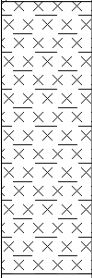
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS68 Sheet 1 of 1	
Project Name: North Horsham II				Project No. GE20724		Co-ords: 519789E - 134053N		Hole Type WLS	
Location: Horsham				Level: 60.16		Scale 1:25			
Client: Legal & General				Dates: 18/05/2022		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		0.40	59.76		Grass overlying brown silty gravelly clay with abundant rootlets and roots 1-5mm. TOPSOIL	
		0.50 0.50 0.60	D PP ES	3.8kg/cm2					
		1.00 1.00	D PP	4.8kg/cm2	0.70	59.46		Very stiff brown silty gravelly CLAY with black ferruginous fragments. Gravel is fine to coarse tabular siltstone and ironstone. WEALD CLAY	
		1.50	D		1.80	58.36		Very gravelly	
		2.00	D		2.70	57.46		Brown and pale grey clayey weakly cemented SILT. WEALD CLAY	
		2.50	D						
	2.70	ES					End of Borehole at 2.70m		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike						Rose To
									



Image 1. 1652873720403.jpg:
WindowSamplerPhoto