

27th November 2020

Our ref: GE19427/RG01/201127

Darren Harman
LandQuest UK (Southern) Limited

Dear Darren,

RE: Yapton Lane, Walberton



Geo-Environmental Services Limited (Geo-Environmental) was instructed by LandQuest UK (Southern) Limited to undertake borehole falling head testing and winter groundwater monitoring at the above named site.

The purpose of this investigation was to ascertain preliminary infiltration values of the underlying strata and depths of groundwater over the winter period in order to inform the emerging drainage strategy for the proposed development.

Scope of Works

The following scope of works was agreed with the client:

- Construction of 7No. dynamic sampler boreholes (WS1-WS7) to depths of between 2m and 3m bgl.
- Undertake a falling head permeability test within the boreholes to inform the drainage strategy.
- Installation of groundwater monitoring wells within the boreholes.
- Undertake groundwater monitoring on 11No. occasions comprising fortnightly visits from December 2020 to April 2021.

The intrusive investigation was undertaken on 24th November 2020 with the works supervised by a Geo-Environmental Engineer. Winter groundwater monitoring is ongoing and will be reported at a later date upon its completion.

Site Description

The site comprised part of an open agricultural field which was generally flat and level and planted with crops at the time of the investigation.

The site was bounded by mature trees and hedgerows and contained a single mature tree towards the southern boundary.

The area surrounding the site comprised commercial and residential properties to the north, a nursery to the south and open fields to the east and west.

The site was accessed via a locked gate in the north east corner of the site

Ground Conditions

The ground conditions encountered during the investigation were broadly consistent with the published sequence of strata. In summary, ground conditions typically comprised a mantle of Topsoil overlying soils inferred to be of the River Terrace Deposits.

Geo-Environmental Services Ltd
Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL



Engineers | Site Investigations

Geo-Environmental Services Ltd incorporated in England number 3214980 VAT number 679544479



Topsoil was encountered in all locations to a depth of 0.30m bgl and typically consisted of brown slightly sandy slightly gravelly clay or silty slightly gravelly clay with frequent rootlets.

Soils inferred to be the River Terrace Deposits were encountered from beneath the Topsoil to depths of 3.0m bgl. The deposits typically comprised clay with low to moderate proportions of sand and gravel. A layer of silty clay was recorded from 0.30m to 1.40m bgl in WS7. WS3 encountered very clayey gravel from 1.30m to 2.00m bgl. A very clayey slightly sandy gravel was recorded in WS4 from 0.80m to 1.90m bgl. The colouration of these deposits was typically brown, light yellowish brown and cream, and light brown, yellowish brown and cream. Clays were noted to range in consistence between soft and very stiff.

Groundwater was encountered within locations WS2 and WS4-WS7. The results are summarised in Table 1 below.

Location	Depth of water strike (m bgl)	Depth of water after xx minutes (m bgl)	Minutes after strike
WS2	2.70	2.60	30
WS4	2.00	1.70	30
WS5	2.00	2.16	60
WS6	2.00	1.58	60
WS7	2.25	2.25	60

Table 1 Summary of Ground Water Strikes

WS3 refused at 2.00m bgl, likely due to the presence of a cobble within the River Terrace Deposits.

Figure 2 presents the borehole locations. For more a detailed description of the ground conditions, reference should be made to the exploratory hole logs enclosed in Appendix A.

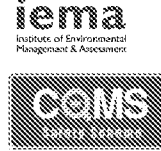
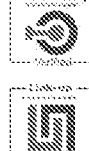
Falling Head Testing

Borehole falling head tests were undertaken within all of the borehole locations. A preliminary soil infiltration rate has been estimated from the testing undertaken within each borehole. The results are summarised in Table 2 below.

Location	Depth of Borehole (m bgl)	Start Depth of Test (m bgl)	Estimated infiltration rate (m/s)
WS1	3.00	1.95	3.8×10^{-6}
WS2	3.00	2.13	4.1×10^{-6}
WS3	2.00	1.06	4.0×10^{-6}
WS4	3.00	0.97	Insufficient infiltration to estimate rate
WS5	3.00	1.23	Insufficient infiltration to estimate rate
WS6	3.00	1.58	Insufficient infiltration to estimate rate
WS7	3.00	1.56	Insufficient infiltration to estimate rate

Table 2 Summary of Falling Head Test Results

On the basis of the results from the testing undertaken to date it is considered that the discharge of storm water to the ground via conventional soakaways is unlikely to be successful without on-site storage and/or attenuation features. Alternative storm water disposal options, such as discharge to surface water bodies under an extension of riparian rights, should also be considered. As the borehole falling head tests only provide preliminary soil infiltration rates, it would be necessary for further trial pit soakage testing in accordance with BRE Digest 365 to be carried out on the site to inform drainage design in due course.



In accordance with BRE Digest 365, soakaways should be located no closer than 5m from any structure.

Groundwater monitoring

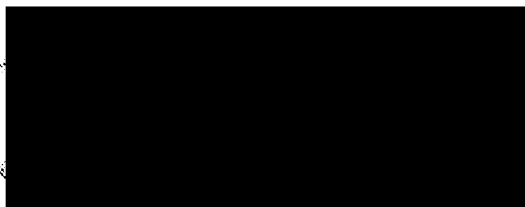
Groundwater monitoring is ongoing and will be reported in due course. Interim updates can be provided, if required.

Closure

We trust we have interpreted your request correctly and provided sufficient information for your current requirements. If you have any questions or queries in relation the information provided at this stage, please do not hesitate to contact the undersigned.

Yours sincerely

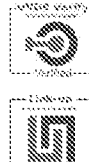
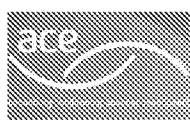
For and on Behalf of Geo-Environmental



ROBERT GARDNER BSc (Hons), MSc, FGS
Consultant Engineer

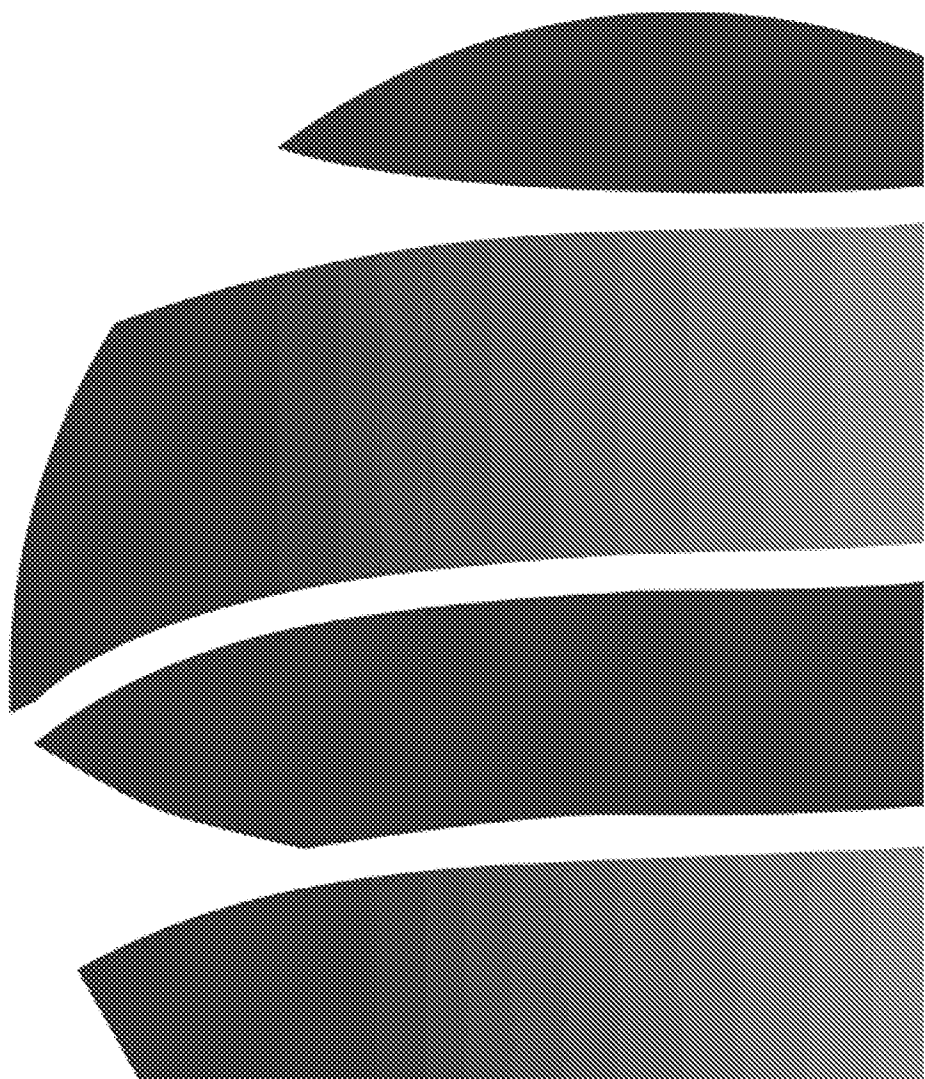
[Redacted contact information]

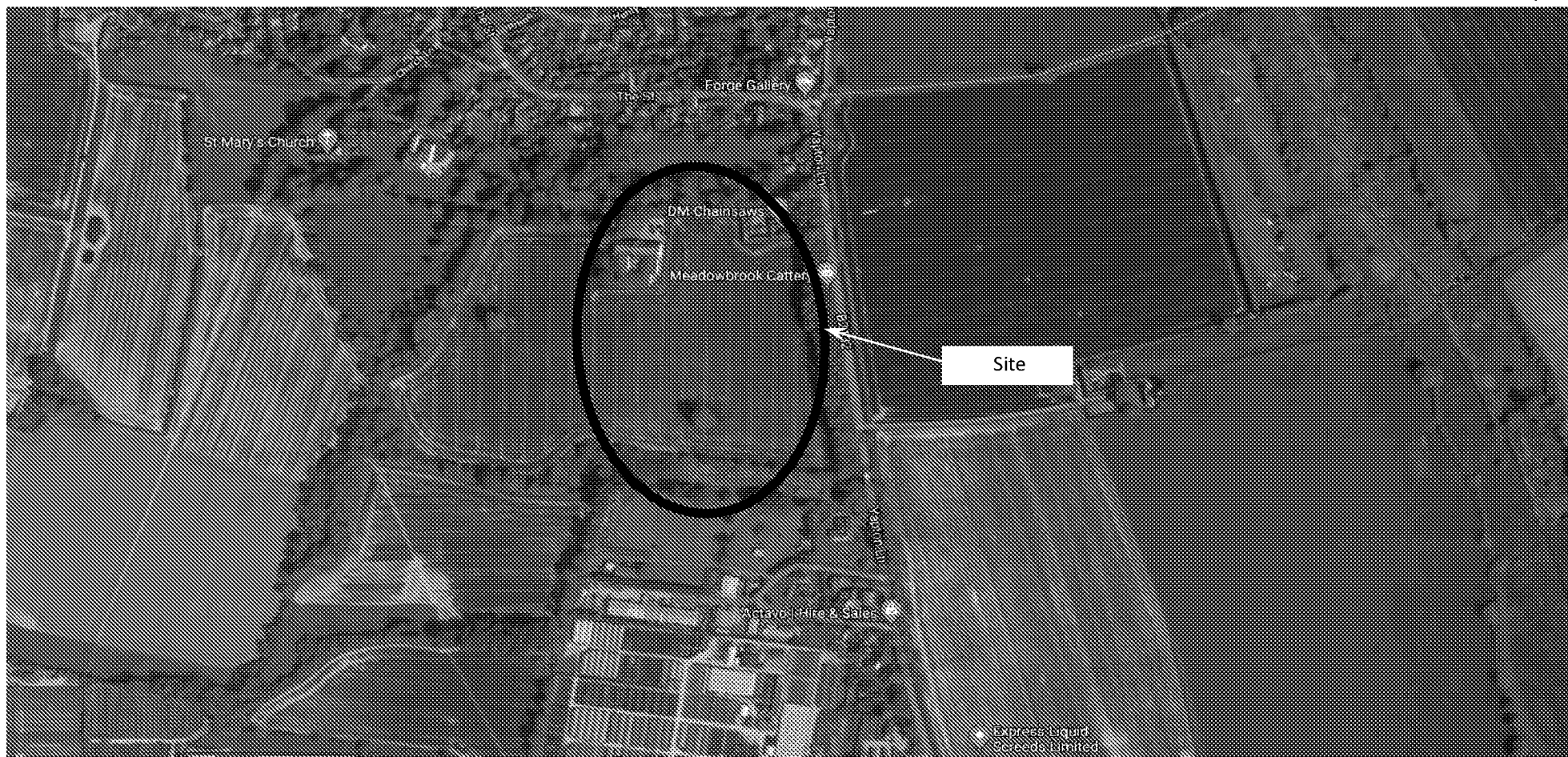
- Enc Figure 1 - Site Location Plan
 Figure 2 – Exploratory Hole Location Plan
 Appendix A - Exploratory Hole Logs
 Appendix B – Borehole Falling Head Test Results





FIGURES

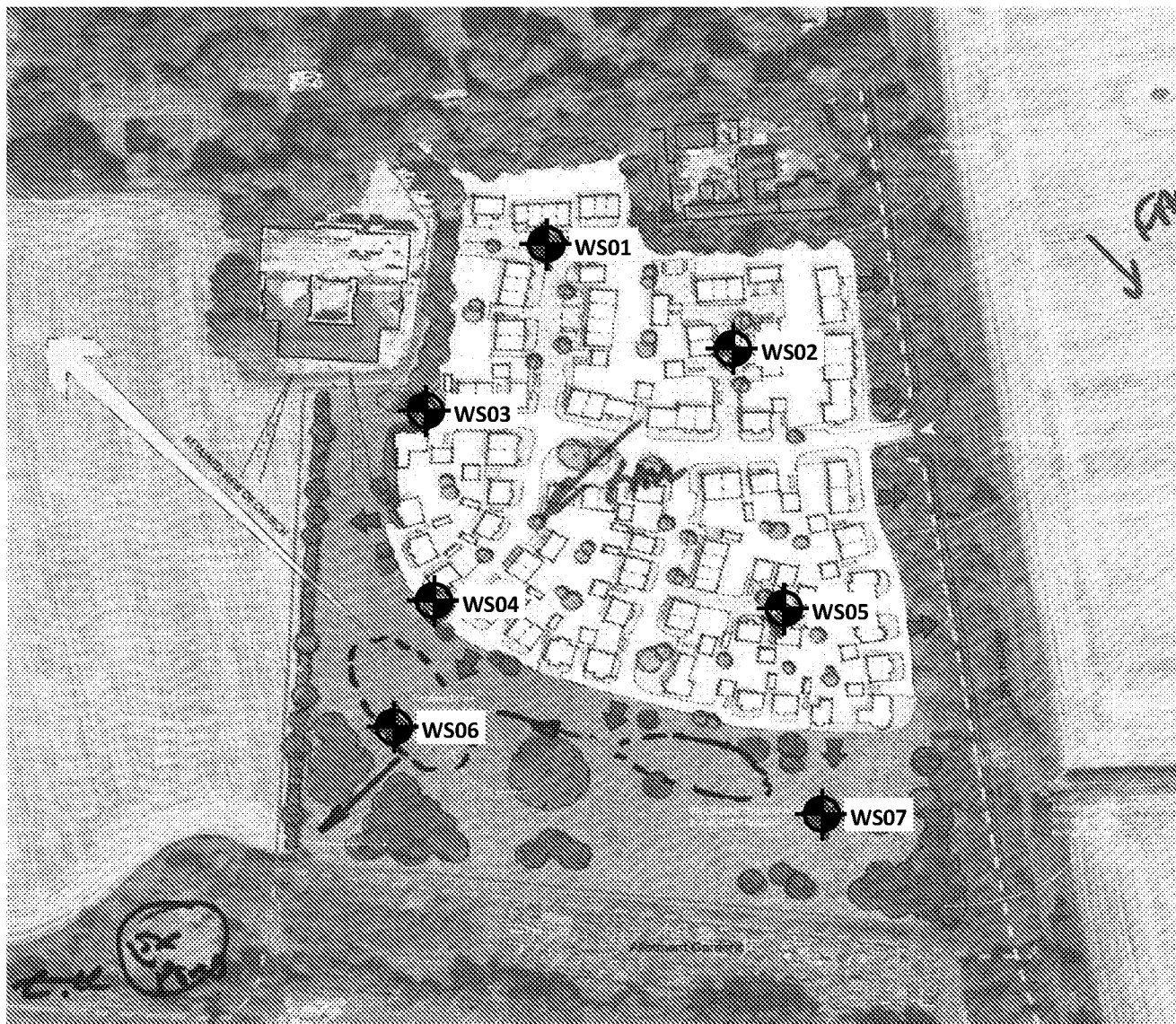




Project:	Yapton Lane, Walberton BN18 0AS			Title	Site Location (Google Image)	
Client:	LandQuest UK			Geo-Environmental Services Ltd Unit 7 Danworth Farm, Cuckfield Road Hurstpierpoint, West Sussex BN6 9GL +44(0)1273 832972 www.gesl.net  Geo-Environmental		
Ref No:	GE19427	Revision:	0			
Drawn:	LL	Date:	19/11/2020			
Figure:	1	Scale:	NTS			



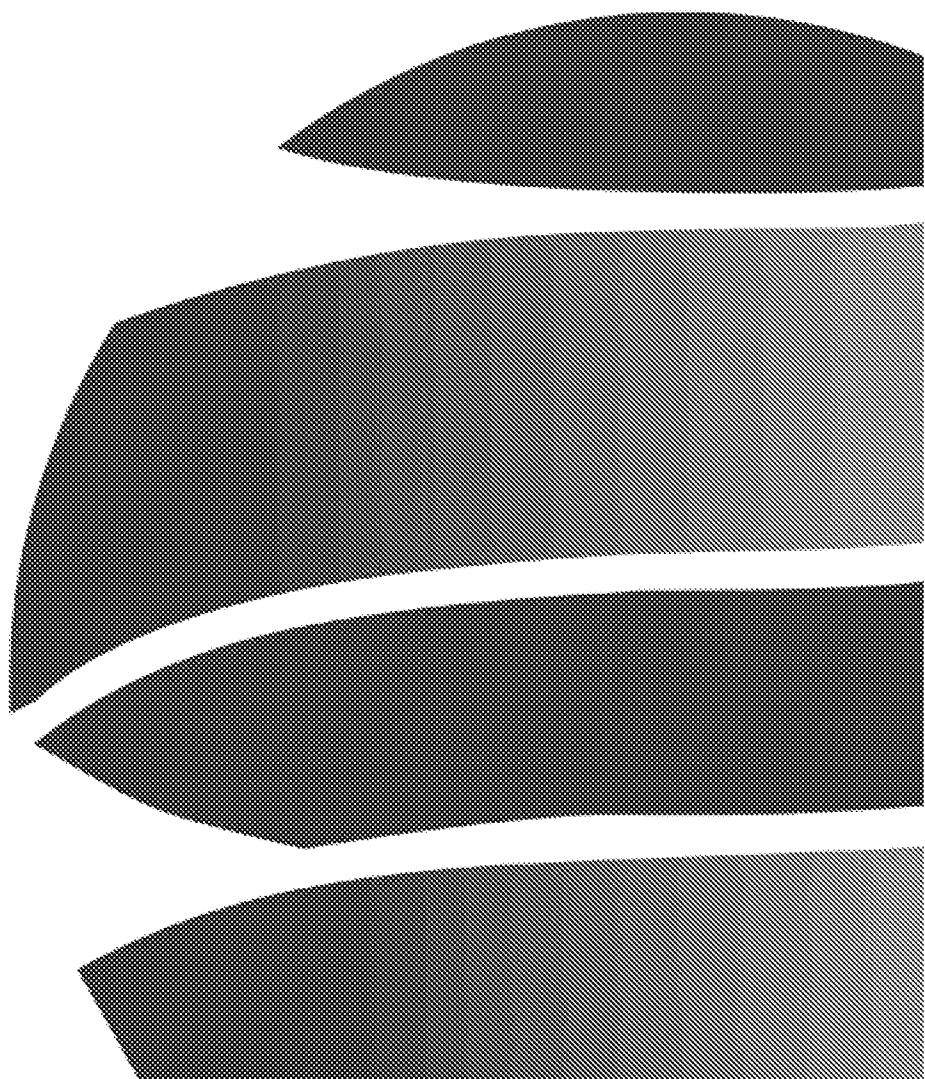
Geo-Environmental



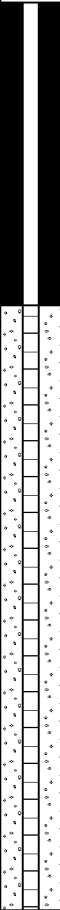
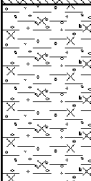
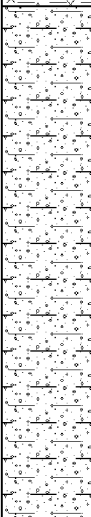
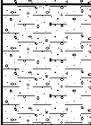
Project:	Yapton Lane, Walberton BN18 0AS		Title	Proposed Exploratory Hole Locations	
Client:	LandQuest UK		Geo-Environmental Services Ltd Unit 7 Danworth Farm, Cuckfield Road Hurstpierpoint, West Sussex BN6 9GL +44(0)1273 832972 www.gesl.net		 Geo-Environmental
Ref No:	GE19427	Revision:			
Drawn:	LL	Date:			
Figure:	1	Scale:			



APPENDIX - I - Exploratory Hole Logs



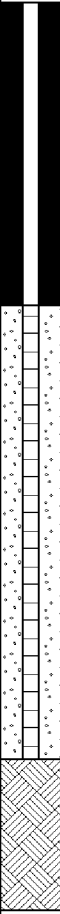
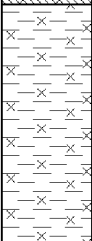
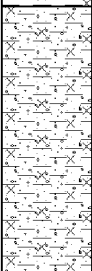
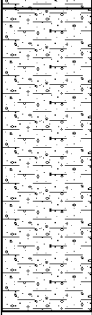
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Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497535E - 105635N		Hole Type WLS	
Location: Yapton Lane, Walberton BN18 0AS				Level: 13.67		Scale 1:25	
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.40	PP	2.0kg/cm2	0.30	13.37		Crops over brown slightly sandy slightly gravelly CLAY with frequent rootlets. Sand is fine. Gravel is fmc angular to subangular flint. TOPSOIL	1
		0.80	PP	2.0kg/cm2	0.90	12.77		Stiff brown silty slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint. RIVER TERRACE DEPOSITS	
		1.00	S	N=46 (9,17/13,13,13,7)			2.60	11.07	
		2.00	S	N=17 (5,6/5,4,4,4)					
		2.70	PP	3.0kg/cm2					
		2.90	PP	3.0kg/cm2	3.00	10.67			3
	3.00	S	N=36 (10,10/8,9,8,11)					End of Borehole at 3.00m	
									4
									5

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



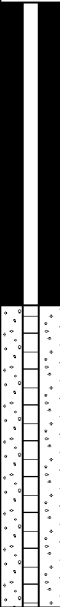
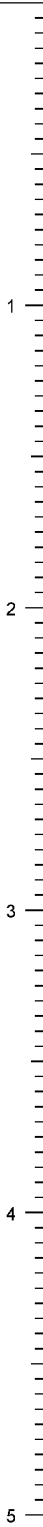
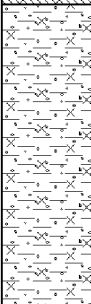
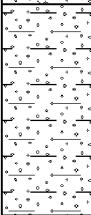
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Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497609E - 105597N		Hole Type WLS	
Location: Yapton Lane, Walberton BN18 0AS				Level: 13.63		Scale 1:25	
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	13.33		Crops over brown silty slightly gravelly CLAY with frequent rootlets. Gravel is fine to medium angular to subangular flint. TOPSOIL	1
	0.40	PP	1.5kg/cm2					Firm brown slightly silty CLAY. RIVER TERRACE DEPOSITS	
	0.60	PP	1.5kg/cm2						
	0.80	PP	1.5kg/cm2						
	1.00	PP	1.5kg/cm2					Stiff brown, light brown, yellowish brown and cream silty sandy very gravelly CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	2
	1.00	S	N=56 (7,12/14,16,12,14)	1.10	12.53				
	2.00	S	N=8 (2,2/2,2,2,2)	2.00	11.63			Soft light yellowish brown, yellow and cream sandy gravelly CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	3
	3.00	S	N=2 (1,0/1,0,1,0)	3.00	10.63				
End of Borehole at 3.00m									4
									5

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		2.70	2.60			Poor recovery below water table at 2m.



 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. WS3	
Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497495E - 105567N		Sheet 1 of 1	
Location: Yapton Lane, Walberton BN18 0AS				Level: 13.20		Hole Type WLS	
Client: LandQuest UK				Dates: 24/11/2020		Scale 1:25	
Logged By RG							

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	12.90		Crops over brown slightly sandy slightly gravelly CLAY with frequent rootlets. Sand is fine. Gravel is fine to medium subangular flint. TOPSOIL	
	0.40	PP	1.5kg/cm2					Firm becoming stiff brown silty slightly gravelly CLAY. Gravel is fine to medium subangular flint. RIVER TERRACE DEPOSITS	
	0.60	PP	1.5kg/cm2						
	0.80	PP	1.5kg/cm2						
	1.00	PP	1.5kg/cm2						
	1.00	S	N=38 (1,3/4,3,15,16)						
1.20	PP	1.5kg/cm2			1.30	11.90		Light brown, brown and cream very clayey fmc angular to subangular flint GRAVEL. RIVER TERRACE DEPOSITS	
2.00	S	N=61 (18,19/12,15,18,16)			2.00	11.20			
End of Borehole at 2.00m								2	
								3	
								4	
								5	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
						Refusal at 2.0m

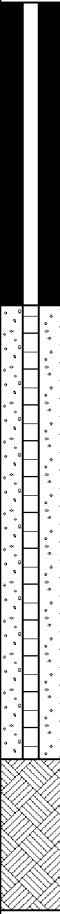


		Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log			Borehole No. WS4	
Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497494E - 105501N		Hole Type WLS		
Location: Yapton Lane, Walberton BN18 0AS				Level: 12.64		Scale 1:25		
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG		

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	12.34		Crops over brown silty slightly gravely CLAY with frequent rootlets. Sand is fine. Gravel is fine to medium subangular flint. TOPSOIL	1	
	0.40	PP	1.5kg/cm2					Firm becoming stiff brown slightly gravely CLAY. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS		
	0.70	PP	1.5kg/cm2		0.80	11.84				
	1.00	S	N=36 (14,14/13,10,7,6)					Brown, light brown, grey and cream very clayey slightly sandy fmc angular to subangular flint GRAVEL. Sand is fmc of flint. RIVER TERRACE DEPOSITS	2	
	1.95	PP	3.0kg/cm2		1.90	10.74				
	2.00	S	N=11 (4,3/2,2,3,4)		2.00	10.64				
	2.10	PP	0.5kg/cm2					Very stiff light yellowish brown and cream silty sandy slightly gravely CLAY. Sand is fmc of flint and chalk. Gravel is fine to medium angular to subangular flint. RIVER TERRACE DEPOSITS		
			2.50	PP	0.5kg/cm2				Soft light yellowish brown and cream silty sandy slightly gravely CLAY. Sand is fmc of flint and chalk. Gravel is fine to medium angular to subangular flint. RIVER TERRACE DEPOSITS	3
	3.00	PP	0.5kg/cm2		3.00	9.64				
	3.00	S	N=20 (5,7/9,10,1,0)							
End of Borehole at 3.00m									4	
									5	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		2.00	1.70			

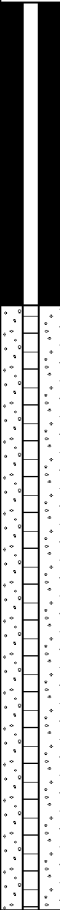
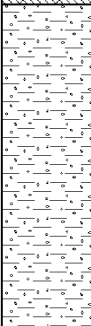
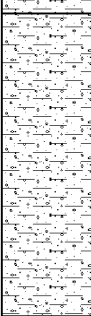
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Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497608E - 105499N		Hole Type WLS	
Location: Yapton Lane, Walberton BN18 0AS				Level: 13.04		Scale 1:25	
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	12.74		Crops over brown silty slightly gravely CLAY with frequent rootlets. Gravel is fine to medium subangular flint. TOPSOIL	1
	0.40	PP	1.5kg/cm2					Firm brown slightly silty slightly gravely CLAY. Gravel is fine to medium subangular flint. RIVER TERRACE DEPOSITS	
	0.60	PP	1.5kg/cm2						
	0.80	PP	1.5kg/cm2						
	1.00	PP	1.5kg/cm2						
	1.00	S	N=33 (5,12/10,11,6,6)	1.10	11.94			Firm becoming stiff light brown, yellowish brown, brown and cream sandy very gravely CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	2
	2.00	S	N=5 (1,0/1,0,2,2)						
									
									
									
									
					2.50	10.54		No recovery RIVER TERRACE DEPOSITS	3
3.00	S	N=8 (2,2/2,2,2,2)	3.00	10.04			End of Borehole at 3.00m		
									4
									5

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		2.00	2.16			Poor recover below water table.



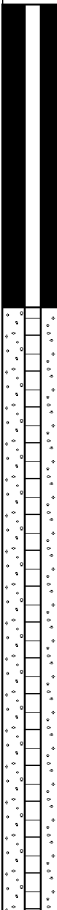
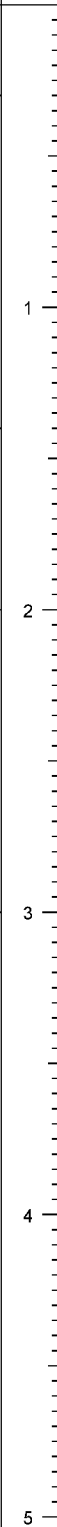
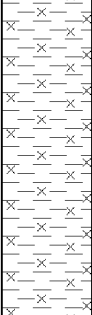
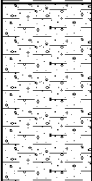
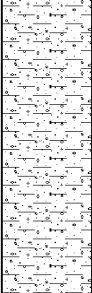
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Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497472E - 105450N		Hole Type WLS	
Location: Yapton Lane, Walberton BN18 0AS				Level: 12.50		Scale 1:25	
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	12.20		Crops over brown silty slightly gravely CLAY with frequent rootlets. Gravel is fine to medium subangular flint. TOPSOIL	1	
	0.40	PP	1.5kg/cm2					Firm becoming stiff brown slightly gravely CLAY. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS		
	0.60	PP	1.8kg/cm2							
	0.80	PP	2.0kg/cm2							
	1.00	PP	2.0kg/cm2							
						1.40	11.10			2
						1.60	10.90		Stiff light brown, cream, yellowish brown and grey sandy very gravely CLAY. Sand is fmc of flint. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
	1.70	PP	3.0kg/cm2					Very stiff light yellowish brown, yellow and cream sandy gravely CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS		
	1.90	PP	3.0kg/cm2							
	2.00	S	N=53 (10,14/15,13,12,13)	2.00	10.50			Soft light yellowish brown, yellow and cream sandy gravely CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS		
2.10	PP	0.5kg/cm2								
					2.50				3	
					3.00	9.50				
3.00	S	0.5kg/cm2 N=4 (1,0/0,1,2,1)	3.00			End of Borehole at 3.00m				
									4	
									5	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		2.00	1.58			



 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. WS7 Sheet 1 of 1	
Project Name: Yapton Lane, Walberton		Project No. GE19427		Co-ords: 497607E - 105425N		Hole Type WLS	
Location: Yapton Lane, Walberton BN18 0AS				Level: 13.17		Scale 1:25	
Client: LandQuest UK				Dates: 24/11/2020		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	12.87		Crops over brown silty slightly gravelly CLAY with frequent rootlets. Gravel is fine to medium subangular flint. TOPSOIL	
	0.40	PP	1.5kg/cm2					Firm brown slightly silty CLAY. RIVER TERRACE DEPOSITS	
	0.60	PP	1.5kg/cm2						
	0.80	PP	1.5kg/cm2						
	1.00	PP	1.5kg/cm2						
	1.00	S	N=20 (2,3/4,5,6,5)						
	1.20	PP	1.5kg/cm2						
	1.30	PP	1.5kg/cm2						
					1.40	11.77		Firm light brown, yellowish brown and cream slightly sandy gravelly CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
	2.00	S	N=4 (1,0/0,1,2,1)		2.00	11.17		Soft light yellowish brown, yellow and cream sandy gravelly CLAY. Sand is fmc of flint and chalk. Gravel is fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
3.00	S	N=8 (3,2/2,2,2,2)		3.00	10.17	End of Borehole at 3.00m			

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		2.25	2.25			





APPENDIX - . . . I T D I X B C L I F E I T L p o t I I W T I U I



Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

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Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS1
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	

Test 1

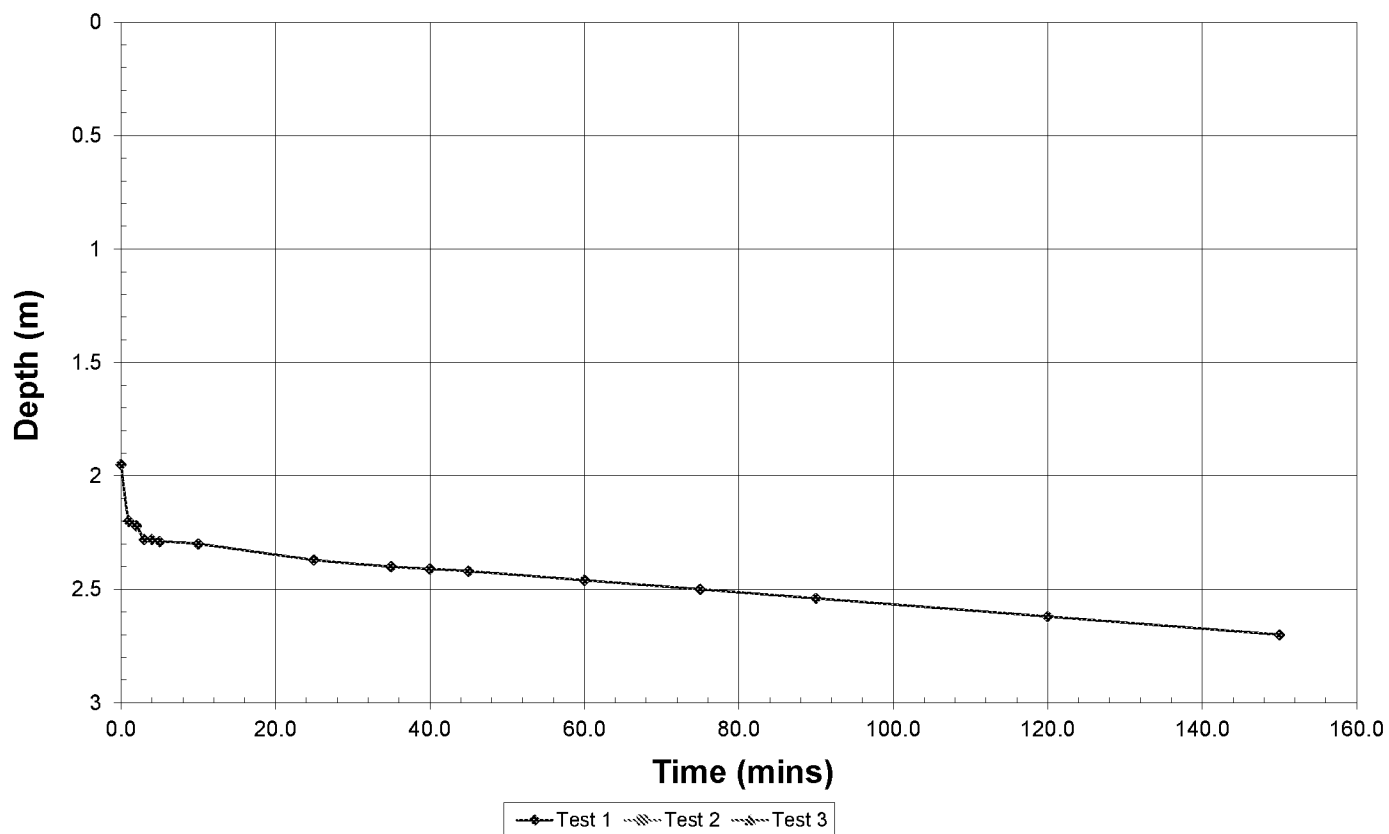
Time (min)	Depth (m)
0.0	1.95
1.0	2.2
2.0	2.22
3.0	2.28
4.0	2.28
5.0	2.29
10.0	2.3
25.0	2.37
35.0	2.4
40.0	2.41
45.0	2.42
60.0	2.46
75.0	2.5
90.0	2.54
120.0	2.62
150.0	2.7

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hove, Brighton BN1 3DA

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS2
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	2.70

Test 1

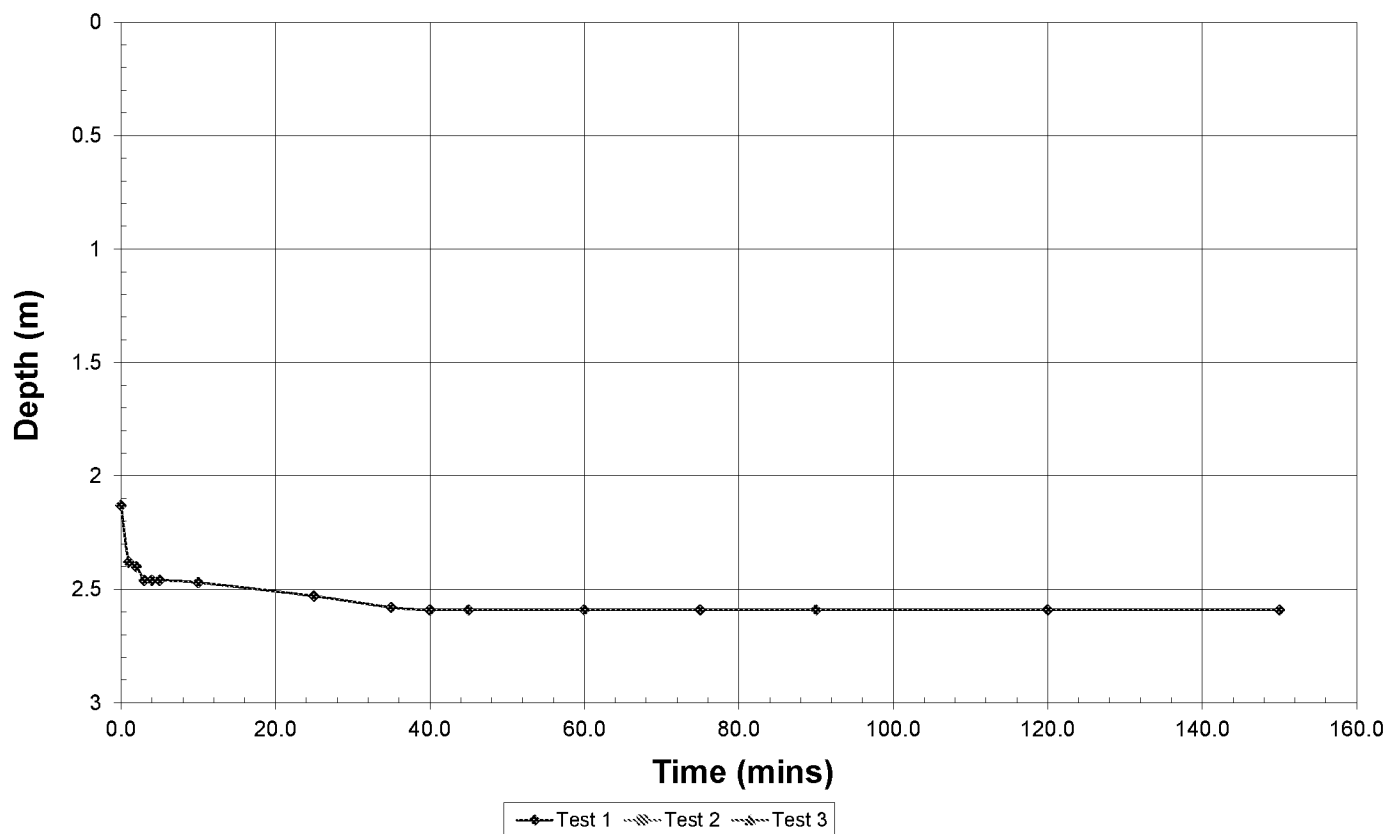
Time (min)	Depth (m)
0.0	2.13
1.0	2.38
2.0	2.4
3.0	2.46
4.0	2.46
5.0	2.46
10.0	2.47
25.0	2.53
35.0	2.58
40.0	2.59
45.0	2.59
60.0	2.59
75.0	2.59
90.0	2.59
120.0	2.59
150.0	2.59

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hunston, West Sussex BN16 8GL

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS3
Borehole depth (m)	2.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	

Test 1

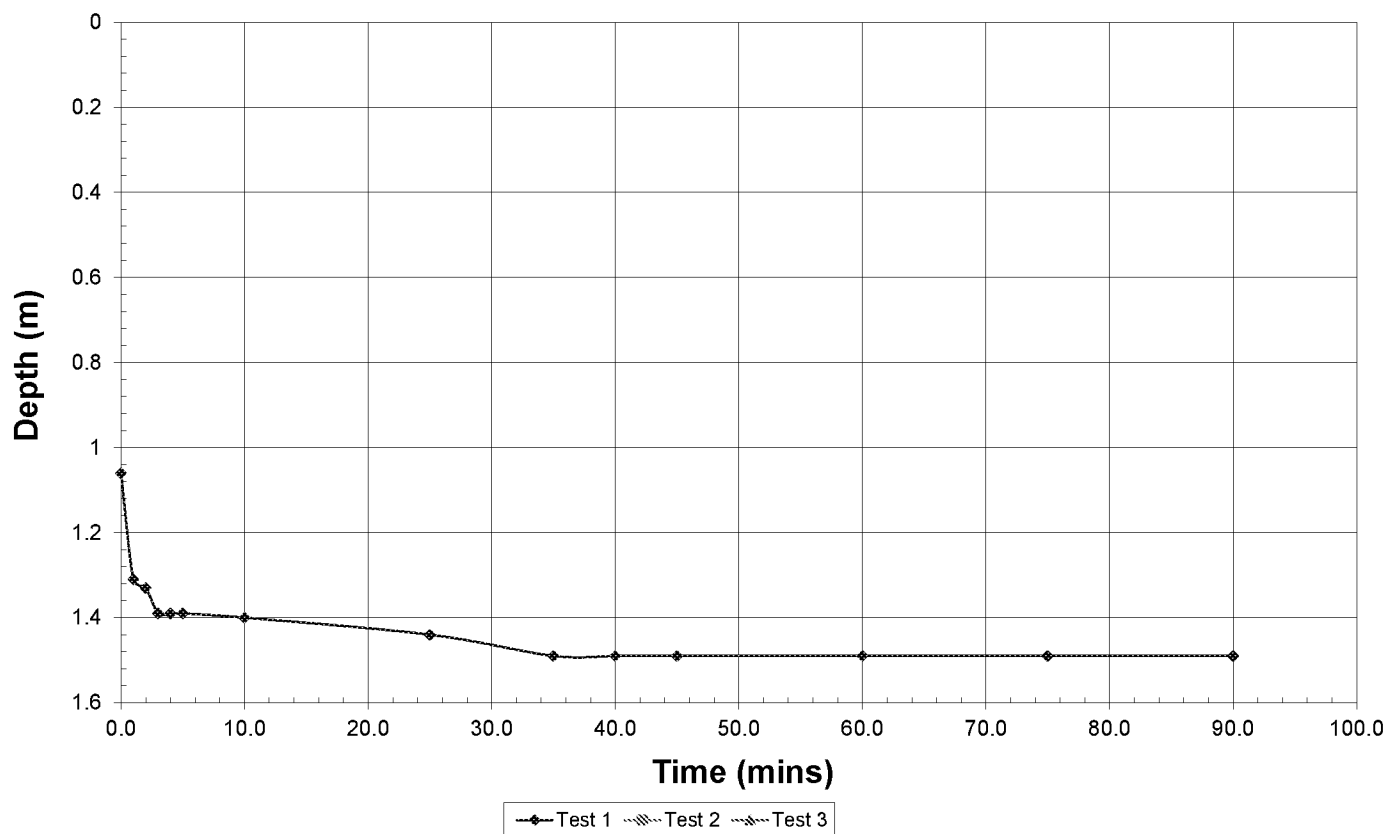
Time (min)	Depth (m)
0.0	1.06
1.0	1.31
2.0	1.33
3.0	1.39
4.0	1.39
5.0	1.39
10.0	1.4
25.0	1.44
35.0	1.49
40.0	1.49
45.0	1.49
60.0	1.49
75.0	1.49
90.0	1.49

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GI

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS4
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	1.70

Test 1

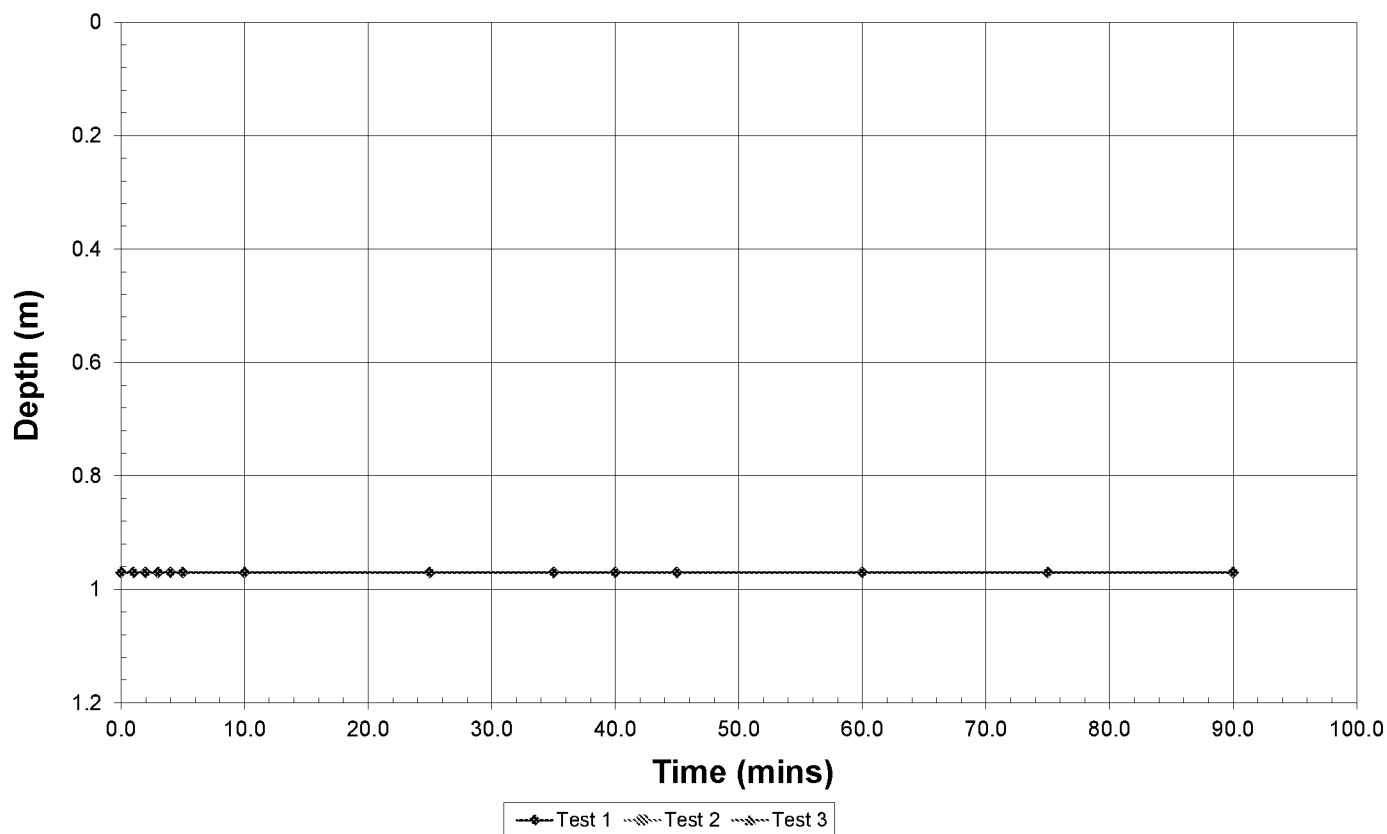
Time (min)	Depth (m)
0.0	0.97
1.0	0.97
2.0	0.97
3.0	0.97
4.0	0.97
5.0	0.97
10.0	0.97
25.0	0.97
35.0	0.97
40.0	0.97
45.0	0.97
60.0	0.97
75.0	0.97
90.0	0.97

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS5
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	2.16

Test 1

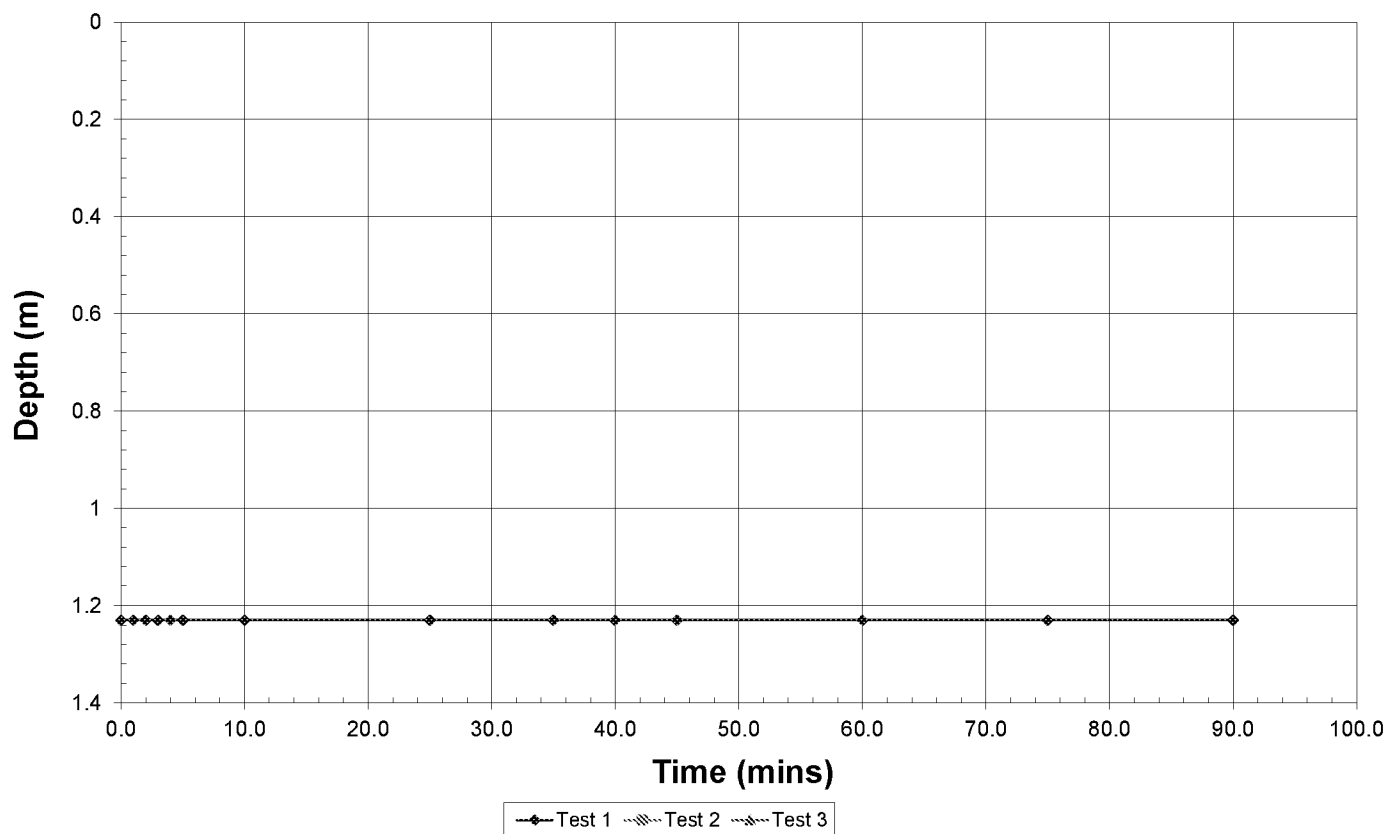
Time (min)	Depth (m)
0.0	1.23
1.0	1.23
2.0	1.23
3.0	1.23
4.0	1.23
5.0	1.23
10.0	1.23
25.0	1.23
35.0	1.23
40.0	1.23
45.0	1.23
60.0	1.23
75.0	1.23
90.0	1.23

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Date : 11/05/2022

Borehole reference	WS6
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	1.58

Test 1

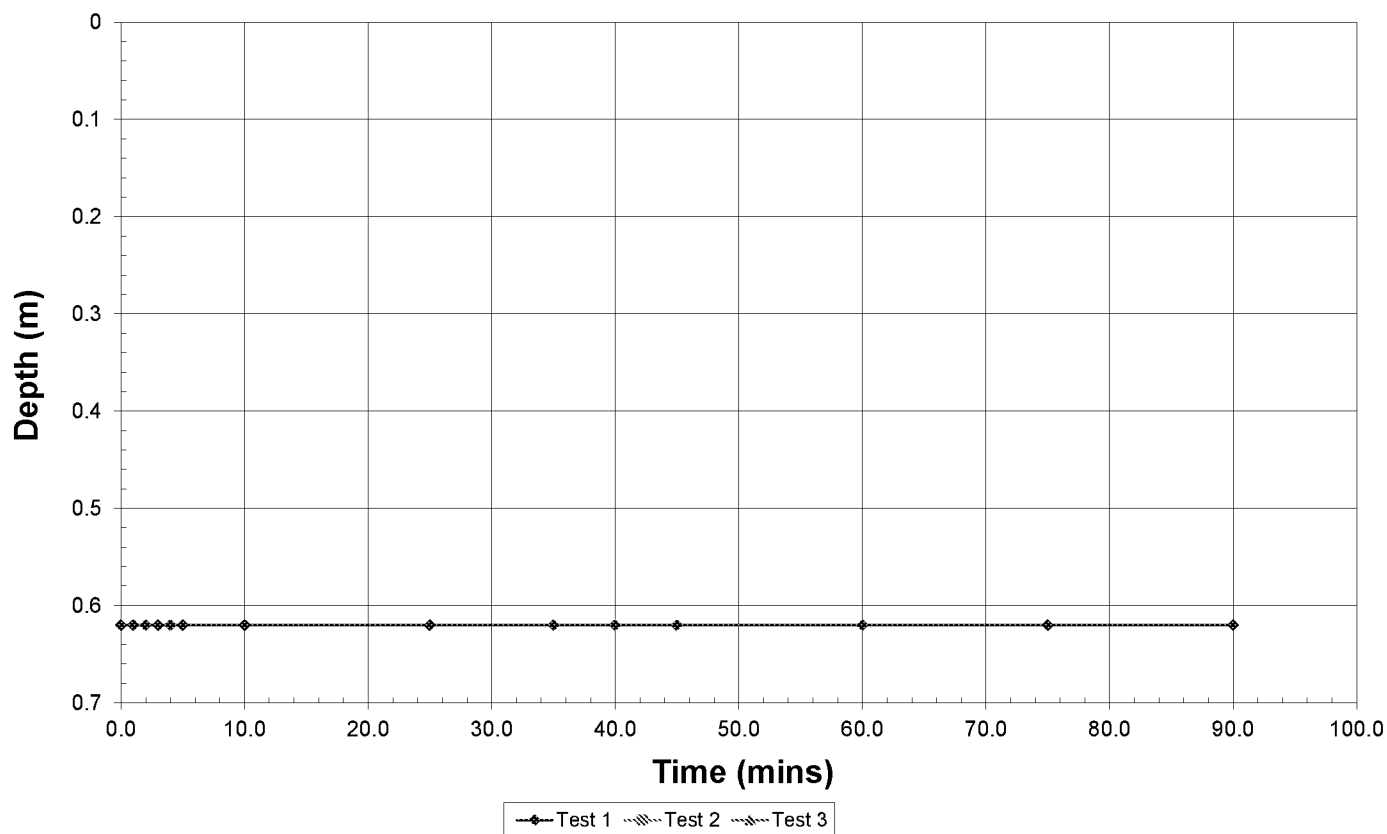
Time (min)	Depth (m)
0.0	0.62
1.0	0.62
2.0	0.62
3.0	0.62
4.0	0.62
5.0	0.62
10.0	0.62
25.0	0.62
35.0	0.62
40.0	0.62
45.0	0.62
60.0	0.62
75.0	0.62
90.0	0.62

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)





Geo-Environmental

Borehole Falling Head Test

Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL
01401 272 822 872 www.geol.net

Project Name : Yapton Lane, Walberton

Client : LandQuest UK (Southern Limited)

Job No. : GE19427

Date : 27/11/2020

Borehole reference	WS7
Borehole depth (m)	3.00
Borehole Diameter (m)	0.10
Depth to standing water (m)	2.25

Test 1

Time (min)	Depth (m)
0.0	1.56
1.0	1.56
2.0	1.56
3.0	1.56
4.0	1.56
5.0	1.56
10.0	1.56
25.0	1.56
35.0	1.56
40.0	1.56
45.0	1.56
60.0	1.56
75.0	1.56
90.0	1.56

Test 2

Time (min)	Depth (m)

Test 3

Time (min)	Depth (m)

