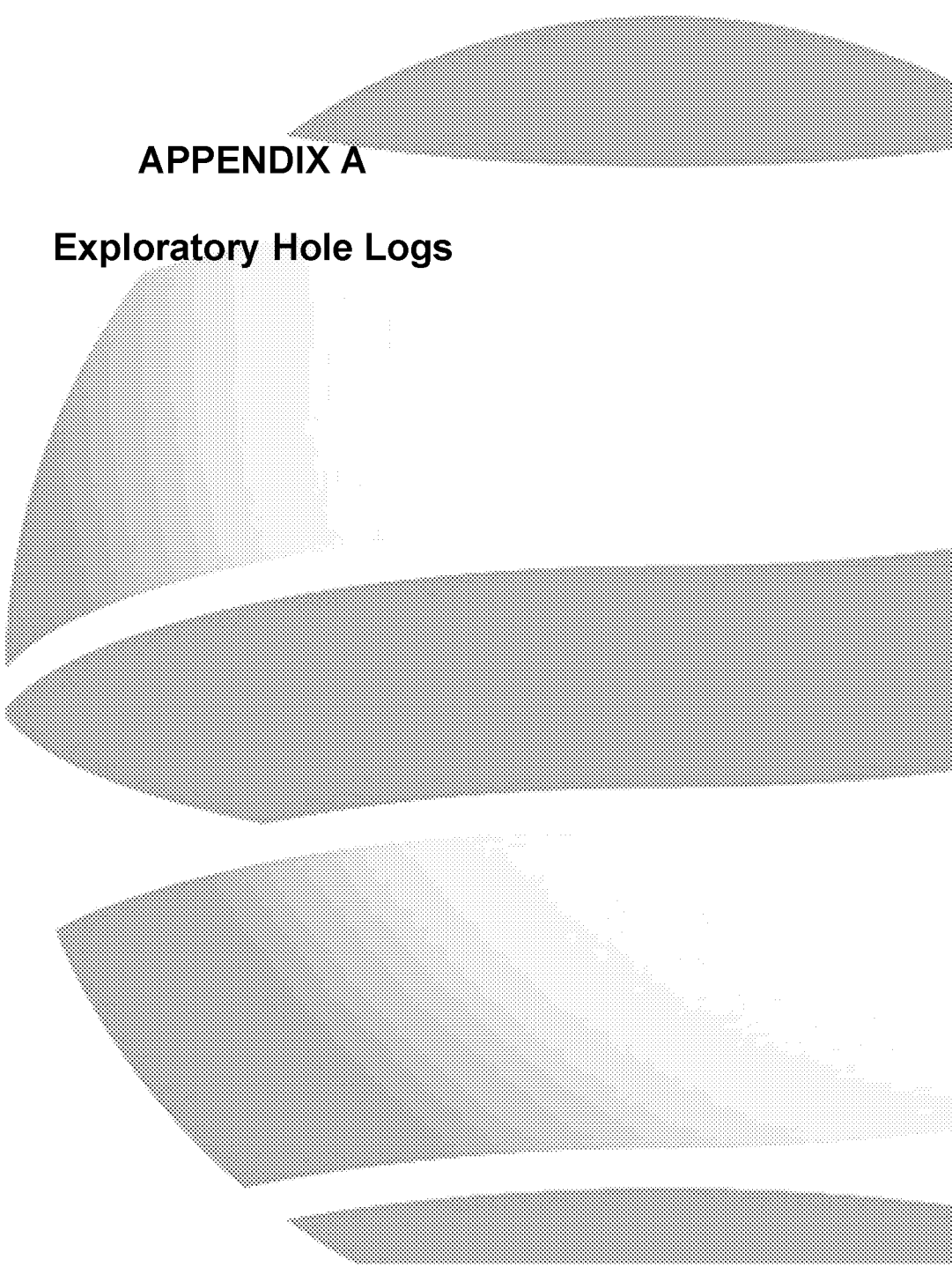




APPENDIX A

Exploratory Hole Logs



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP01
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.40

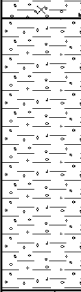
Depth
1.50

0.55

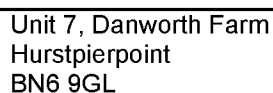
Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with frequent rootlets and roots up to 50mm. TOPSOIL	
				0.50			Brown desiccated silty gravelly CLAY with occasional rootlets. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
							Brown gravelly CLAY with two cobbles of subangular flint. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	1
				1.40			Light brown sandy CLAY. Sand fine.	
				1.50			RIVER TERRACE DEPOSITS End of Pit at 1.50m	2
								3
								4
								5
Water Strike		Remarks		Groundwater encountered at 1.5m bgl				
Depth Strike		Stability		Unstable				
1.50		1.49						





TrialPit No
TP02
Sheet 1 of 1

Geo-2

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m):	2.30
-----------------	------

Scale
1:25

Client: Drew Smith Limited

Depth
1.50

0.55

Logged
RG





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP03
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.20

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
							Light brown and brown desiccated CLAY with occasional rootlets. RIVER TERRACE DEPOSITS	
				0.70			Light brown and blueish grey mottled very gravelly CLAY with one flint cobble. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	1
				1.50			End of Pit at 1.50m	2
								3
								4
								5
Water Strike								
Depth Strike	Water to (m)	Remarks						
1.34	0.00	Groundwater encountered at 1.34m bgl						
		Stability						
		Unstable						





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No

TP04

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.10			Brown silty CLAY with frequent rootlets. TOPSOIL	
				0.20			Brown gravelly clay. Gravel fm angular to subangular brick. MADE GROUND	
							Light brown and brown mottled CLAY. RIVER TERRACE DEPOSITS	
				0.70			Light brown and brown mottled gravelly CLAY. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	1
				1.20			Light brown and greenish yellow sandy CLAY. Sand fine. RIVER TERRACE DEPOSITS	
				1.40			Brown and purplish brown mottled CLAY. RIVER TERRACE DEPOSITS	
				1.50			End of Pit at 1.50m	
								2
								3
								4
								5
Water Strike		Remarks						
Depth Strike		Stability		Stable				





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP05
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.80

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
							Light brown and brown CLAY. RIVER TERRACE DEPOSITS	
				0.70			Light brown and blueish grey slightly sandy CLAY. Sand fine. RIVER TERRACE DEPOSITS	1
				1.20			Light brown and blueish grey sandy gravelly CLAY. Sand fine, gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
				1.50			End of Pit at 1.50m	
								2
								3
								4
								5
Water Strike								
Depth Strike	Water to (m)	Remarks						
1.50	1.40	Groundwater encountered at 1.5m bgl						
		Stability						
		Stable						





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP06
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
				0.50			Light brown and brown desiccated slightly gravelly CLAY. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
				1.20			Light brown and greyish brown gravelly CLAY. Gravel fm angular to subangular flint. RIVER TERRACE DEPOSITS	1
				1.50			Light brown and blueish gret mottled slightly gravelly CLAY. Gravel fm angular to subangular flint. RIVER TERRACE DEPOSITS	
							End of Pit at 1.50m	2
								3
								4
								5
Water Strike								
Depth Strike	Water to (m)							
1.50	0.00	Remarks Groundwater encountered at 1.5m bgl						
		Stability Unstable						





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No

TP07

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
				0.50			Light brown and brown desiccated CLAY. RIVER TERRACE DEPOSITS	
				1.20			Light brown and brown CLAY. RIVER TERRACE DEPOSITS	1
				1.40			Light brown and brown gravelly CLAY. Gravel fm angular to rounded flint. RIVER TERRACE DEPOSITS	
				1.50			Light brown and blueish grey mottled CLAY. RIVER TERRACE DEPOSITS	
							End of Pit at 1.50m	
								2
								3
								4
								5
Water Strike		Remarks		Groundwater encountered at 1.38m bgl				
Depth Strike	1.38	Water to (m)	0.00					
		Stability		Stable				





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No

TP08

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.40

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with occasional rootlets. TOPSOIL	
				0.50			Light brown and brown CLAY. RIVER TERRACE DEPOSITS	
							Light brown and blueish grey mottled CLAY. RIVER TERRACE DEPOSITS	1
				1.20			Light brown and blueish grey clayey fine SAND. RIVER TERRACE DEPOSITS	
				1.40			End of Pit at 1.40m	
								2
								3
								4
								5
Water Strike								
Depth Strike	1.40	Water to (m)	1.33	Remarks				
				Groundwater encountered at 1.4m bgl				
				Stability Stable				





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP09
Sheet 1 of 1

Project Name: Summer Lane, Pagham	Project No. GE17671	Co-ords: - Level:	Date 14/01/2019
Location: Bongor Regis, PO21 4NQ		Dimensions (m): 2.50	Scale 1:25
Client: Drew Smith Limited		Depth 1.50	Logged RG

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with occasional rootlets. TOPSOIL	
				0.40			Dark brown and brown desiccated CLAY. RIVER TERRACE DEPOSITS	
							Dark brown and brown CLAY. RIVER TERRACE DEPOSITS	
				1.20			Light brown and brown mottled gravelly CLAY. Gravel fm angular to subangular flint. RIVER TERRACE DEPOSITS	
				1.50			End of Pit at 1.50m	

Water Strike	Remarks
Depth Strike	Stability Stable





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP10
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.60

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with occasional rootlets. TOPSOIL	
				0.50			Brown and light brown desiccated CLAY. RIVER TERRACE DEPOSITS	
				1.20			Light brown and brown mottled slightly gravelly CLAY. Grave fm angular to subangular flint. RIVER TERRACE DEPOSITS	1
				1.60			Light brown and blueish grey sandy CLAY. Sand fmc. RIVER TERRACE DEPOSITS	
							End of Pit at 1.60m	2
								3
								4
								5
Water Strike		Remarks		Groundwater encountered at 1.6m bgl				
Depth Strike	Water to (m)							
1.60	0.00							
Stability		Unstable						





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No

TP11

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions
(m):

2.00

Depth
1.50

0.55

Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty CLAY with occasional rootlets. TOPSOIL	
				0.50			Light brown and brown mottled desiccated CLAY. RIVER TERRACE DEPOSITS	
				1.10			Light brown and brown mottled CLAY. RIVER TERRACE DEPOSITS	1
				1.50			Greenish yellow and yellowish brown clayey SAND. RIVER TERRACE DEPOSITS	
							End of Pit at 1.50m	
								2
								3
								4
								5
Water Strike								
Depth Strike	Flow to (m/s)							
1.45	0.00	Remarks Groundwater encountered at 1.45m bgl						
		Stability Stable						





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP12
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

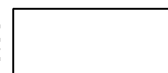
Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.30

Depth
0.60

0.55



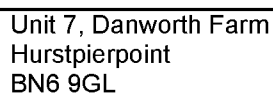
Scale
1:25

Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			Brown silty clay with roots and rubbish. MADE GROUND	
				0.60			Light brown and blueish grey slightly gravelly CLAY. Gravel fm angular to subangular flint. RIVER TERRACE DEPOSITS	
							End of Pit at 0.60m	
								1
								2
								3
								4
								5
Water Strike								
Depth Strike								
		Remarks						
		Stability Stable						





TrialPit No
TP13
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 5 2.00

Scale
1:25

Client: Drew Smith Limited

Depth
0.70

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP14
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.40

Depth
0.50

0.55

Scale
1:25

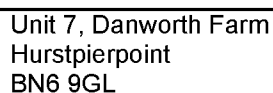
Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL
				0.50			Light brown and brown desiccated CLAY. RIVER TERRACE DEPOSITS
							End of Pit at 0.50m
							1
							2
							3
							4
							5

Water Strike	Remarks
Depth Strike	Stability Stable





TrialPit No
TP15
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.40

Scale
1:25

Client: Drew Smith Limited

Depth
0.50

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Trial Pit Log

Trial Pit No
TP16
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.50

Depth
0.70

0.55

Scale
1:25

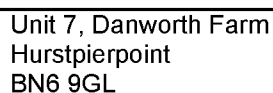
Logged
RG

Client: Drew Smith Limited

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			Brown silty CLAY with frequent rootlets. TOPSOIL
				0.70			Light brown and brown desiccated slightly gravelly CLAY. Gravel mc angular to subangular flint. RIVER TERRACE DEPOSITS
							End of Pit at 0.70m
							1
							2
							3
							4
							5

Water Strike	Remarks
Depth Strike	Stability Stable





TrialPit No
TP17
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 5 1.20

Scale
1:25

Client: Drew Smith Limited

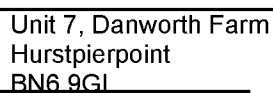
Depth
0.50

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





Trial Pit Log

TrialPit No
TP18
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m):	5	0.65
-----------------	---	------

Scale
1:25

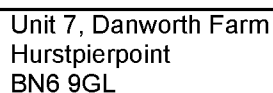
Client: Drew Smith Limited

Depth
0.70

0.55

Logged
RG

[illegible]



TrialPit No
TP19
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 1.90

Scale
1:25

Client: Drew Smith Limited

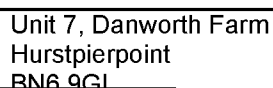
Depth
0.50

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





TrialPit No
TP20
Sheet 1 of 1

Project Name:	Summer Lane, Pagham
---------------	---------------------

Project No.
GE17671

Co-ords: -
Level:

Date
14/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 5 1.60

Scale
1:25

Client: Drew Smith Limited

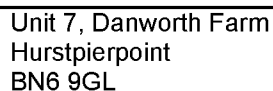
Depth
0.50

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





TrialPit No
TP21
Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords: -
Level:

Date
15/01/2019

Location: Bongor Regis, PO21 4NQ

Dimensions (m): 5 1.40

Scale
1:25

Client: Drew Smith Limited

Depth
0.50

0.55

Logged
RG

- 1
- 2
- 3
- 4
- 5





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

www.geol.net

Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 11/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
					0.50			Brown silty desiccated CLAY with occasional rootlets. RIVER TERRACE DEPOSITS	
					1.50			Light brown slightly gravelly CLAY. Gravel fine to medium angular to subangular. RIVER TERRACE DEPOSITS	
					2.00			Light brown gravelly CLAY. Gravel fmc angular to subangular of flint. RIVER TERRACE DEPOSITS	
					3.00			Light brown and orangish brown gravelly clayey SAND. Sand fine. Gravel fmc angular to subangular of flint. RIVER TERRACE DEPOSITS	
End of Borehole at 3.00m									3
									4
									5

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks	
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		1.65	0.00			Groundwater encountered at 1.65m bgl. Monitoring standpipe installed	

Unit 7, Danworth Farm Hurstpierpoint BN6 9GL		Borehole Log				Borehole No. WS02 Sheet 1 of 1	
Project Name: Summer Lane, Pagham		Project No. GE17671		Co-ords:		Hole Type WLS	
Location: Bongor Regis, PO21 4NQ				Level:		Scale 1:25	
Client: Drew Smith Limited				Dates: 11/01/2019		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown slightly gravelly silty CLAY with frequent rootlets. Gravel fine to medium angular to subangular of flint.	
					0.50			TOPSOIL	
								RIVER TERRACE DEPOSITS	
					1.40			Light brown, pinkish brown, orangish brown and black gravelly CLAY with occasional charcoal and rare rootlets. Gravel fine to medium angular to subangular of flint.	
								RIVER TERRACE DEPOSITS	
					2.70			Yellowish brown gravelly fine SAND. Gravel fine to medium angular to subangular of flint and sandstone.	
					3.00			Greyish brown and brown mottled CLAY. LONDON CLAY	
End of Borehole at 3.00m									

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks Groundwater encountered at 1.30m bgl. Monitoring standpipe installed	
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to		
		1.30	0.00				



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 11/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Dark brown silty slightly gravelly CLAY with frequent rootlets. Gravel fine to medium of angular to subangular gravel.	1
					0.40			Dark brown gravelly desiccated CLAY with occasional rootlets and roots up to 2mm diameter. Gravel fmc of angular to subangular flint.	
								Light brown gravelly CLAY with occasional charcoal up to 2mm. Gravel fine to medium angular to subrounded of flint and sandstone.	
					0.90			Light brown and brown gravelly CLAY. Gravel fmc angular to subangular of flint.	
					1.10			Light brown, yellowish brown and pinkish brown sandy gravelly CLAY. Sand fine. Gravel fmc of angular to subangular flint.	
					1.80			Orangish brown gravelly fine SAND. Gravel fine to medium of angular to subangular flint.	
				2.20			Light brown, pinkish brown and greyish brown CLAY.	2	
							LONDON CLAY		
					3.00		End of Borehole at 3.00m		3
									4
									5

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		1.30	0.00			Groundwater encountered at 1.30m bgl. Monitoring standpipe installed



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 14/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	1
					0.60			Light brown and brown desiccated CLAY with occasional charcoal. RIVER TERRACE DEPOSITS	
					0.90			Brown, black and grey clayey fmc very angular to subangular GRAVEL of flint. RIVER TERRACE DEPOSITS	
					1.30			Dark brown gravelly CLAY. Gravel fine to medium of angular to subangular flint. RIVER TERRACE DEPOSITS	
					1.90			Yellowish brown gravelly fine SAND. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
					3.00			Light brown and brown CLAY. LONDON CLAY	
End of Borehole at 3.00m								3	
								4	
								5	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		1.30	0.00			Monitoring standpipe installed

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL		Borehole Log				Borehole No. WS05 Sheet 1 of 1	
Pr XXXXXXXXXX		Project No. GE17671		Co-ords:		Hole Type WLS	
Location: Bongor Regis, PO21 4NQ				Level:		Scale 1:25	
Client: Drew Smith Limited				Dates: 14/01/2019		Logged By RG	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
					0.50			Brown slightly gravelly desiccated CLAY with occasional charcoal. Gravel fine to medium subangular to rounded of flint. RIVER TERRACE DEPOSITS	
					1.20			Brown and light brown gravelly CLAY with rare rootlets. Gravel fmc angular to subrounded flint. RIVER TERRACE DEPOSITS	
					3.00			Yellowish brown and greenish brown clayey gravelly fine SAND. Gravel fmc angular to subangular flint. RIVER TERRACE DEPOSITS	
							End of Borehole at 3.00m		

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		1.30	0.00			
						Monitoring standpipe installed



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS06

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

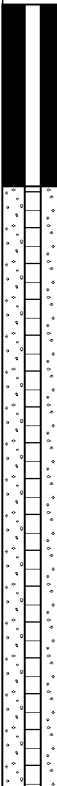
Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 11/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			Brown silty slightly gravelly CLAY with frequent rootlets. Gravel fine to medium angular to subangular of flint. TOPSOIL	1
					0.60			Light brown slightly gravelly CLAY with occasional rootlets. Gravel fine angular to subangular of flint. RIVER TERRACE DEPOSITS	
					1.10			Light brown and pinkish brown gravelly CLAY with one cobble of rounded flint at 0.9m bgl 80mm diameter. Gravel fine to medium angular to subrounded of flint. RIVER TERRACE DEPOSITS	
					1.50			Yellowish brown clayey gravelly fine SAND. Gravel fine angular to subangular flint. RIVER TERRACE DEPOSITS	
					1.90			Light brown and pinkish brown mottled slightly sandy CLAY. Sand fine. RIVER TERRACE DEPOSITS	
					2.30			Greenish yellow clayey fine SAND. RIVER TERRACE DEPOSITS	
					3.00			Light brown, pinkish brown and greyish brown mottled slightly sandy CLAY. Sand fine. RIVER TERRACE DEPOSITS	
									3
									4
									5
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks			
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to				
		1.05	0.00			Groundwater encountered at 1.05m bgl. Monitoring standpipe installed			



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GI

Borehole Log

Borehole No.

WS07

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 14/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown silty CLAY with occasional rootlets. TOPSOIL	
					0.50			Brown desiccated CLAY with rare rootlets and charcoal. RIVER TERRACE DEPOSITS	
					1.40			Light brown and brown mottled CLAY with rare charcoal. RIVER TERRACE DEPOSITS	
					1.50			Light brown and brown mottled gravelly CLAY. Gravel fine to medium angular to subangular flint. RIVER TERRACE DEPOSITS	
					2.50			Yellowish brown and light brown sandy CLAY. Sand fine. RIVER TERRACE DEPOSITS	
					3.00			Dark grey CLAY with rare white shell inclusions up to 30mm. LONDON CLAY	
								End of Borehole at 3.00m	
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks			
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to				
		1.30	0.00			Monitoring standpipe installed			



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 14/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	1	
					0.60			Brown desiccated CLAY with occasional rootlets. RIVER TERRACE DEPOSITS		
					1.00			Brown gravelly CLAY. Gravel fmc angular to subrounded flint. RIVER TERRACE DEPOSITS		
					1.40			Yellowish grey and light brown sandy gravelly CLAY. Sand fine. Gravel fine subangular to rounded flint. RIVER TERRACE DEPOSITS		
					2.10			Yellowish brown and brown clayey gravelly fine SAND. Gravel fmc angular to subrounded flint. RIVER TERRACE DEPOSITS		2
					3.00			Purplish brown and brown mottled CLAY. LONDON CLAY		
						End of Borehole at 3.00m			3	
									4	
									5	

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		1.30	0.00			Monitoring standpipe installed



Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS09

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 14/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20		Brown silty CLAY with frequent rootlets TOPSOIL		
					0.50		Brown desiccated CLAY with occasional rootlets and charcoal. RIVER TERRACE DEPOSITS		
					1.40		Light brown CLAY with occasional charcoal. RIVER TERRACE DEPOSITS		
					1.60		Yellowish brown and yellowish grey fine SAND. RIVER TERRACE DEPOSITS		
					2.00		Yellowish grey sandy CLAY. Sand fmc. RIVER TERRACE DEPOSITS		
					2.60		Brown gravelly CLAY. Gravel fmc of angular to subangular flint. RIVER TERRACE DEPOSITS		
					3.00		Brown and purplish brown mottled CLAY. LONDON CLAY		
		End of Borehole at 3.00m							
Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks			
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to				
		1.30	0.00			Monitoring standpipe installed			





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GI

Borehole Log

Borehole No.

WS10

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

Client: Drew Smith Limited

Dates: 11/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20			Brown silty CLAY with frequent rootlets. TOPSOIL	
								Light brown and pinkish brown mottled desiccated CLAY with occasional rootlets. RIVER TERRACE DEPOSITS	
					0.70			Light brown, pinkish brown and brown mottled slightly gravelly sandy CLAY. Sand is fine. Gravel fine to medium angular to subangular of flint. RIVER TERRACE DEPOSITS	
					1.10			Light brown, yellowish brown and greyish brown gravelly CLAY. Gravel fmc of angular to subangular flint. RIVER TERRACE DEPOSITS	
					1.60			Yellowish brown clayey gravelly fine SAND. Gravel fmc of angular to subrounded flint. RIVER TERRACE DEPOSITS	
					2.00			Yellowish brown clayey SAND. Sand fmc. RIVER TERRACE DEPOSITS	
					2.50			Light brown and pinkish brown CLAY. LONDON CLAY	
					3.00		End of Borehole at 3.00m		

Casing		Water Strikes (mbgl)		Chiselling (mbgl)		Remarks
Diameter	Depth (m)	Depth Strike	Rose to	Depth from	Depth to	
		1.05	0.00			Groundwater encountered at 0.80m bgl. Monitoring standpipe installed





Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS11

Sheet 1 of 1

Project Name: Summer Lane, Pagham

Project No.
GE17671

Co-ords:

Hole Type
WLS

Location: Bongor Regis, PO21 4NQ

Level:

Scale
1:25

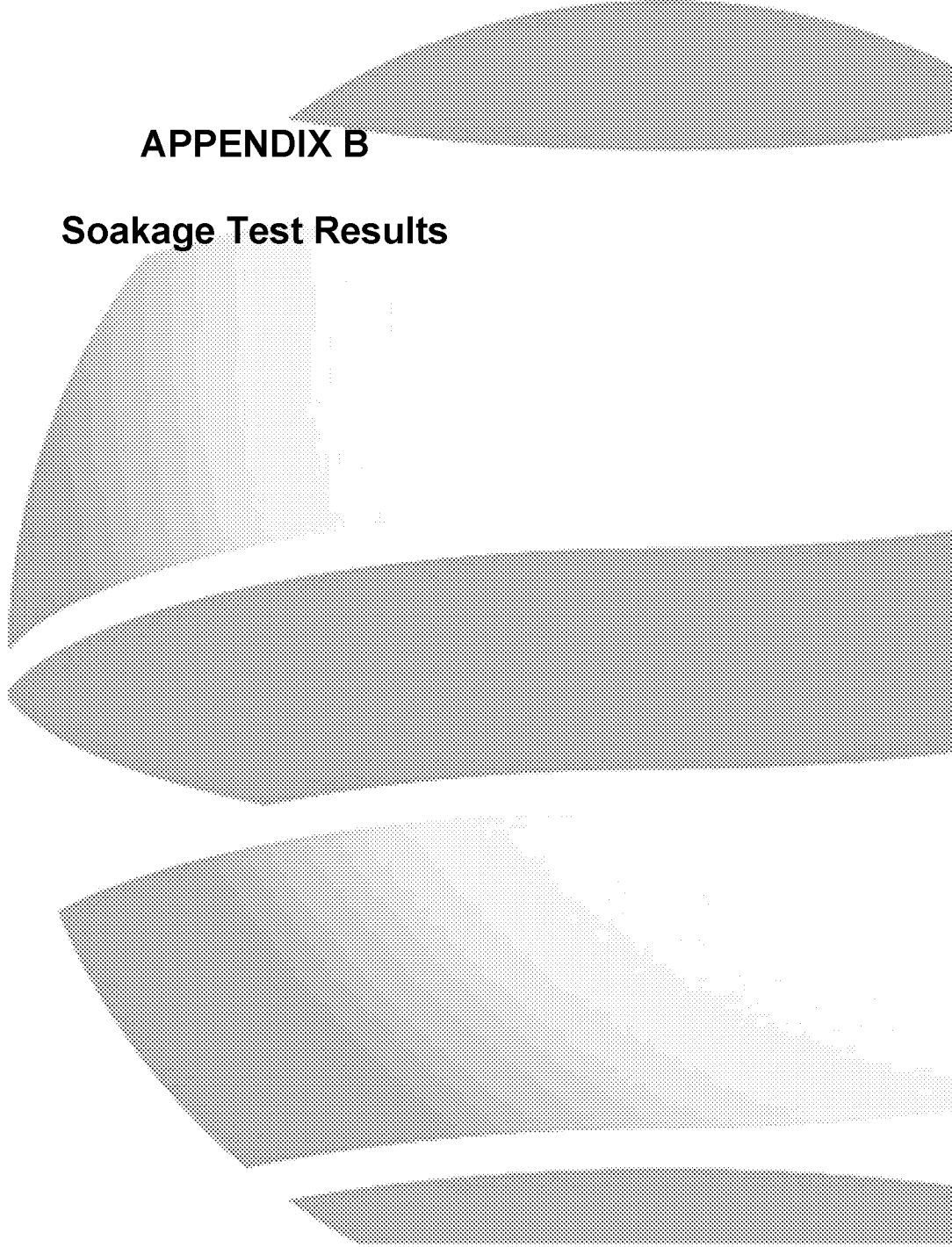
Client: Drew Smith Limited

Dates: 11/01/2019

Logged By
RG

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description								
		Depth (m)	Type	Results												
					0.20			Brown silty gravelly CLAY with frequent rootlets. Gravel fmc angular to subrounded flint. TOPSOIL	1							
								Brown slightly gravelly desiccated CLAY with frequent rootlets. Gravel fine to medium subangular to subrounded of sandstone and flint. RIVER TERRACE DEPOSITS								
								Light brown, pinkish brown and brown mottled CLAY. RIVER TERRACE DEPOSITS								
								Light brown pinkish brown and brown sandy gravelly CLAY. Sand fmc. Gravel fmc angular to subangular of flint. RIVER TERRACE DEPOSITS								
								Yellowish brown clayey gravelly fine SAND. Gravel fmc angular to subrounded of flint. RIVER TERRACE DEPOSITS		2						
								Light brown and pinkish brown slightly sandy CLAY. Sand fine. LONDON CLAY		3						
							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											
		1.50	0.00			Groundwater encountered at 1.50m bgl. Monitoring standpipe installed										





APPENDIX B

Soakage Test Results

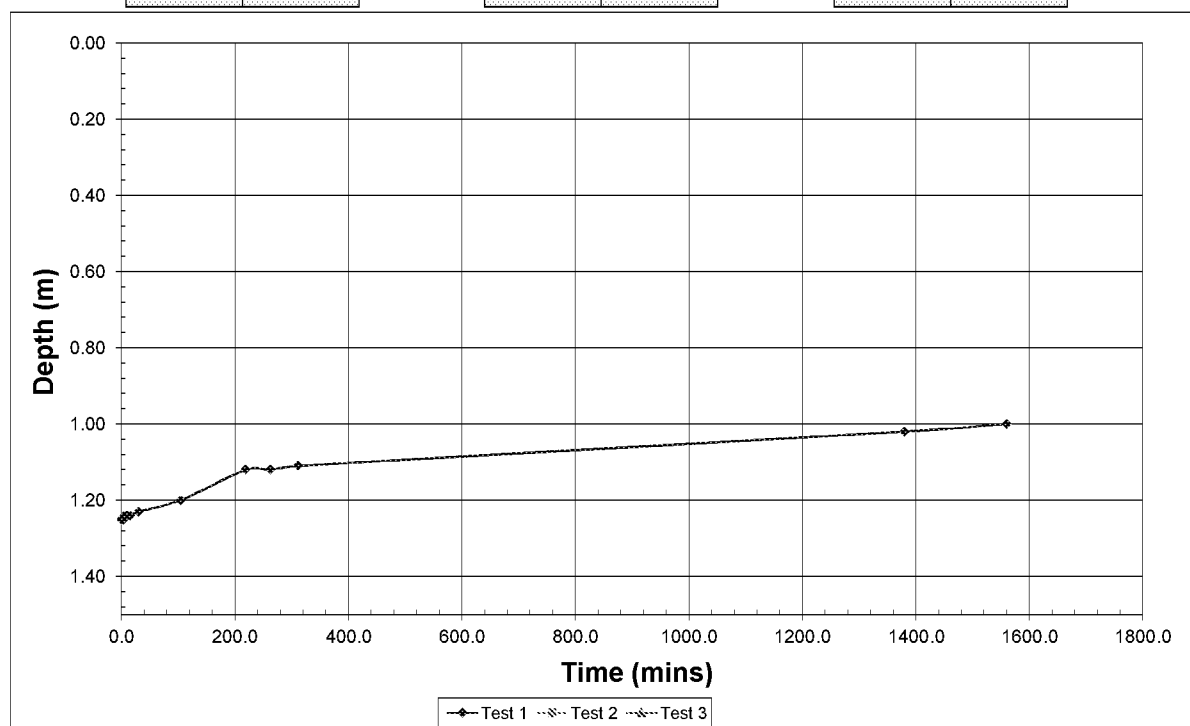
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road,
Project Name : Summer Lane, Pagham, Bongor Regis, PO21 4NQ Client : Drew Smith Limited		Job No. : GE17671 Date : 14-16/01/2019

Pit reference	TP01
Pit depth (m)	1.50
Pit width (m)	0.55
Pit length (m)	2.40
Depth to standing water (m)	1.49

Test 1	
Time (min)	Depth (m)
0.0	1.25
1.0	1.25
2.0	1.25
3.0	1.25
4.0	1.25
5.0	1.24
10.0	1.24
15.0	1.24
30.0	1.23
104.0	1.20
219.0	1.12
263.0	1.12
311.0	1.11
1380.0	1.02
1560.0	1.00

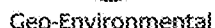
Test 2	
Time (min)	Depth (m)

Test 3	
Time (min)	Depth (m)



Max. depth (m)	1.50	1.50	1.50
Effective depth (m)	0.25	1.50	1.50
75% effective depth (m)	1.31	0.38	0.38
50% effective depth (m)	1.38	0.75	0.75
25% effective depth (m)	1.44	1.13	1.13
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.17	0.99	0.99
ap 50	2.0575	5.745	5.745
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test	
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test	



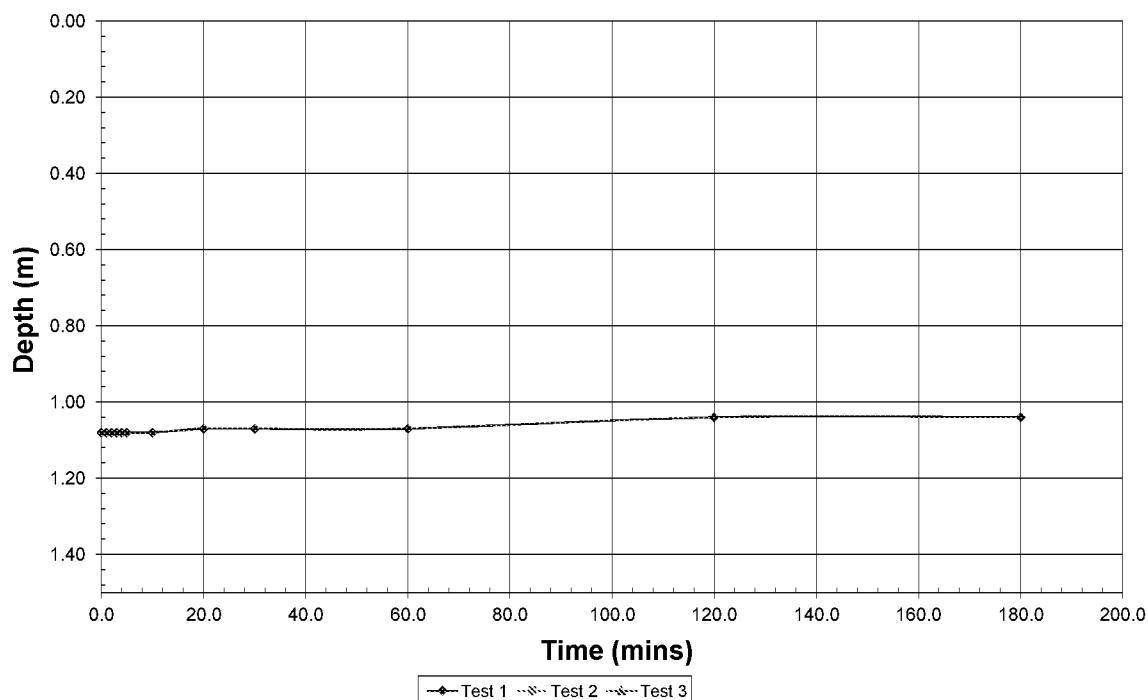
Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GI

JOB NO. : GE17671

Date : 14-16/01/2019

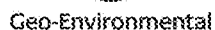
Pit reference	TP02
Pit depth (m)	1.50
Pit width (m)	0.55
Pit length (m)	2.30
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	1.08
1.0	1.08
2.0	1.08
3.0	1.08
4.0	1.08
5.0	1.08
10.0	1.08
20.0	1.07
30.0	1.07
60.0	1.07
120.0	1.04
180.0	1.04

[illegible][illegible]

Max. depth (m)	1.50	1.50	1.50
Effective depth (m)	0.42	1.50	1.50
75% effective depth (m)	1.19	0.38	0.38
50% effective depth (m)	1.29	0.75	0.75
25% effective depth (m)	1.40	1.13	1.13
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.27	0.95	0.95
ap 50	2.462	5.54	5.54
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test

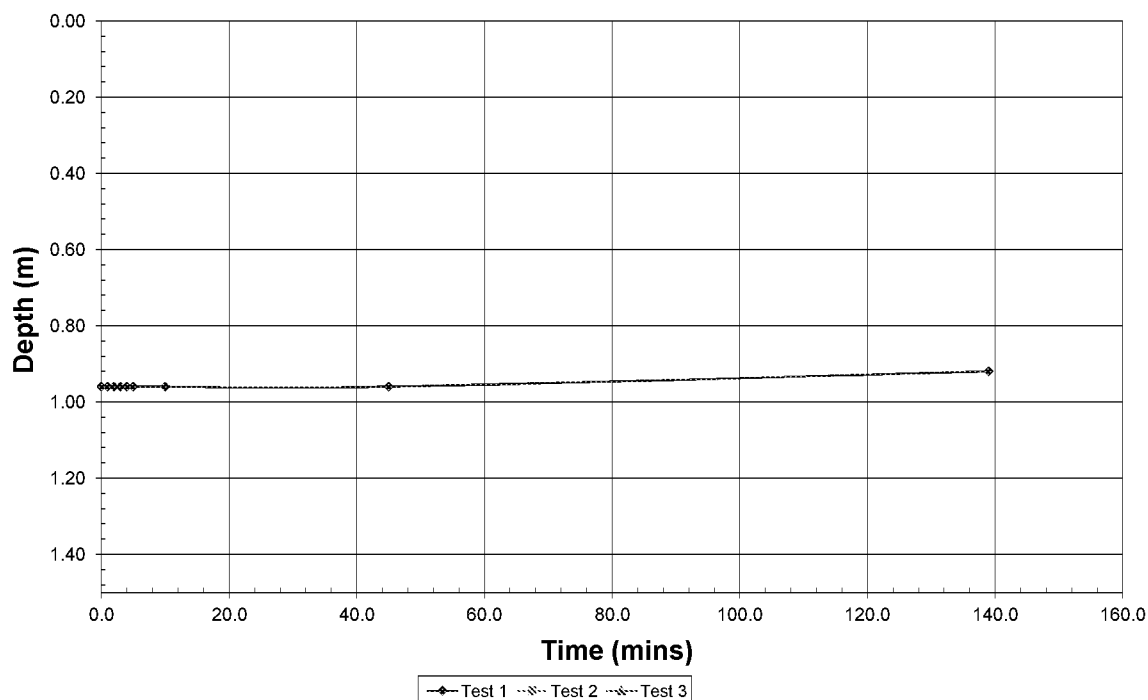


Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,

Job No. : GE17671

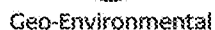
Date : 14-16/01/2019

Pit reference	TP04
Pit depth (m)	1.58
Pit width (m)	0.55
Pit length (m)	2.00
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	1.58	1.58	1.58
Effective depth (m)	0.62	1.58	1.58
75% effective depth (m)	1.12	0.40	0.40
50% effective depth (m)	1.27	0.79	0.79
25% effective depth (m)	1.43	1.19	1.19
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.34	0.87	0.87
ap 50	2.681	5.129	5.129
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test

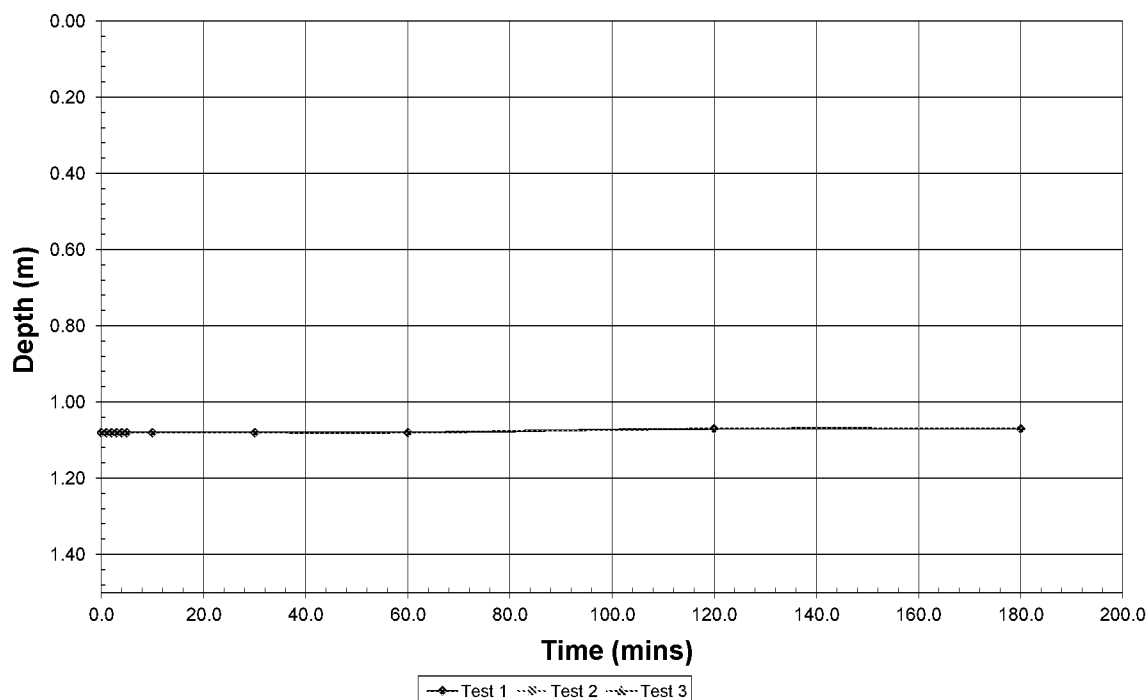


Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Job No. : GE17671

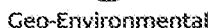
Date : 14-16/01/2019

Pit reference	TP05
Pit depth (m)	1.52
Pit width (m)	0.55
Pit length (m)	1.80
Depth to standing water (m)	1.40

[illegible][illegible][illegible]

Max. depth (m)	1.52	1.52	1.52
Effective depth (m)	0.44	1.52	1.52
75% effective depth (m)	1.19	0.38	0.38
50% effective depth (m)	1.30	0.76	0.76
25% effective depth (m)	1.41	1.14	1.14
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.22	0.75	0.75
ap 50	2.024	4.562	4.562
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test



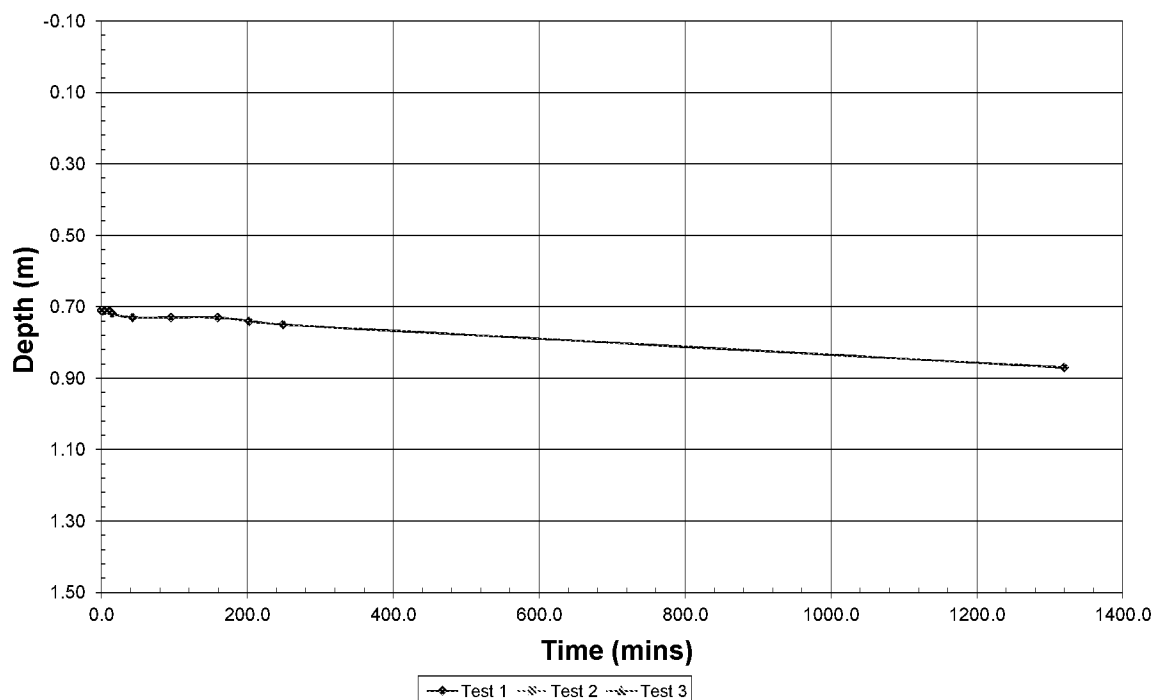
Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Job No. : GE17671

Date : 14-16/01/2019

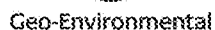
Pit reference	TP07
Pit depth (m)	1.42
Pit width (m)	0.55
Pit length (m)	2.00
Depth to standing water (m)	1.38

Test 1	
Time (min)	Depth (m)
0.0	0.71
1.0	0.71
2.0	0.71
3.0	0.71
4.0	0.71
5.0	0.71
10.0	0.71
15.0	0.72
43.0	0.73
95.0	0.73
159.0	0.73
202.0	0.74
249.0	0.75
1320.0	0.87

[illegible][illegible]

Max. depth (m)	1.42	1.42	1.42
Effective depth (m)	0.71	1.42	1.42
75% effective depth (m)	0.89	0.36	0.36
50% effective depth (m)	1.07	0.71	0.71
25% effective depth (m)	1.24	1.07	1.07
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.39	0.78	0.78
ap 50	2.9105	4.721	4.721
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test



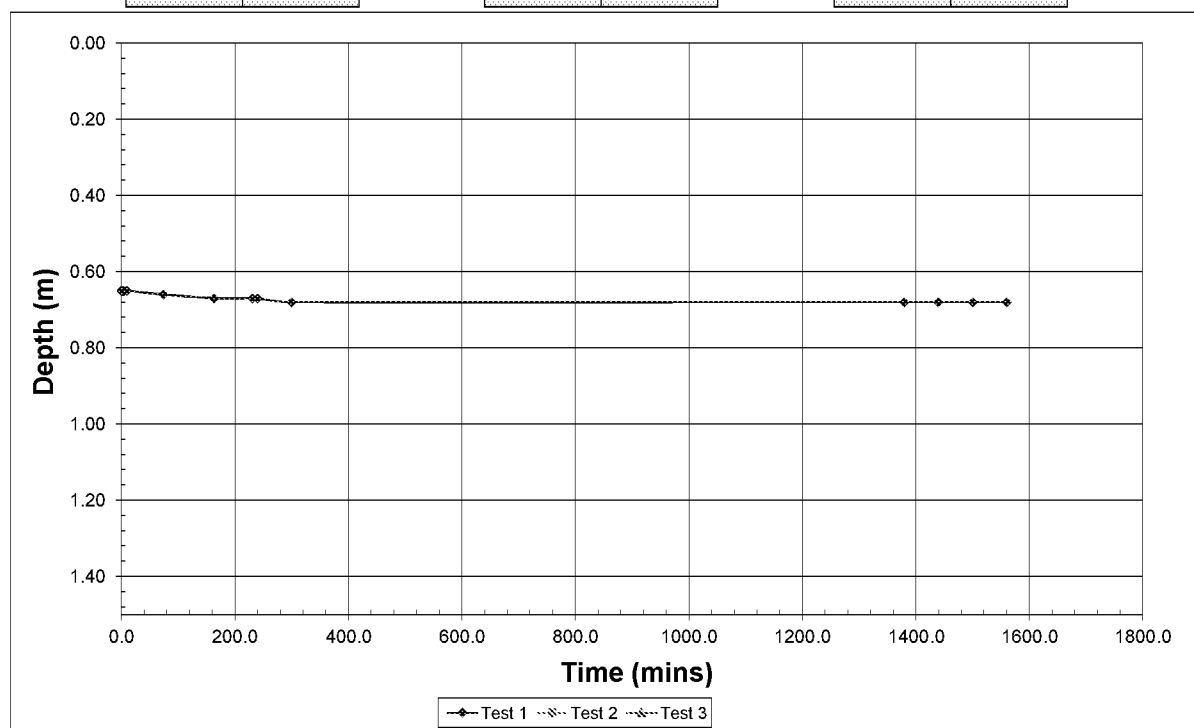
Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Job No. : GE17671

Date : 14-16/01/2019

Pit reference	TP08
Pit depth (m)	1.40
Pit width (m)	0.55
Pit length (m)	2.00
Depth to standing water (m)	1.33

Test 1	
Time (min)	Depth (m)
0.0	0.65
1.0	0.65
2.0	0.65
3.0	0.65
4.0	0.65
5.0	0.65
10.0	0.65
74.0	0.66
163.0	0.67
231.0	0.67
240.0	0.67
300.0	0.68
1380.0	0.68
1440.0	0.68
1500.0	0.68
1560.0	0.68

[illegible][illegible]

Max. depth (m)	1.40	1.40	1.40
Effective depth (m)	0.75	1.40	1.40
75% effective depth (m)	0.84	0.35	0.35
50% effective depth (m)	1.03	0.70	0.70
25% effective depth (m)	1.21	1.05	1.05
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.41	0.77	0.77
ap 50	3.0125	4.67	4.67
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test

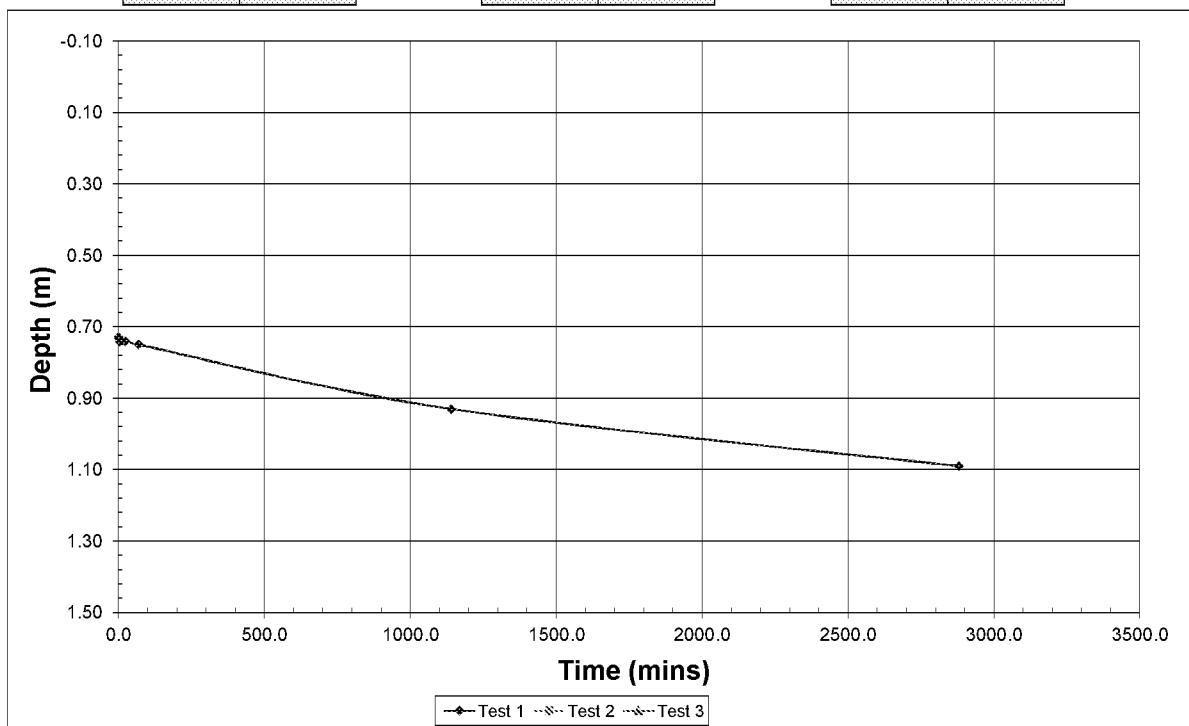
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL
		Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ Client : Drew Smith Limited
Job No. : GE17671		Date : 14-16/01/2019

Pit reference	TP09
Pit depth (m)	1.35
Pit width (m)	0.55
Pit length (m)	2.50
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.73
1.0	0.73
2.0	0.73
3.0	0.74
4.0	0.74
5.0	0.74
10.0	0.74
24.0	0.74
70.0	0.75
1140.0	0.93
2880.0	1.09

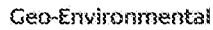
Test 2	
Time (min)	Depth (m)

Test 3	
Time (min)	Depth (m)



Max. depth (m)	1.35	1.35	1.35
Effective depth (m)	0.62	1.35	1.35
75% effective depth (m)	0.89	0.34	0.34
50% effective depth (m)	1.04	0.68	0.68
25% effective depth (m)	1.20	1.01	1.01
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.43	0.93	0.93
ap 50	3.266	5.4925	5.4925
tp 75-25	0.00	0.00	0.00

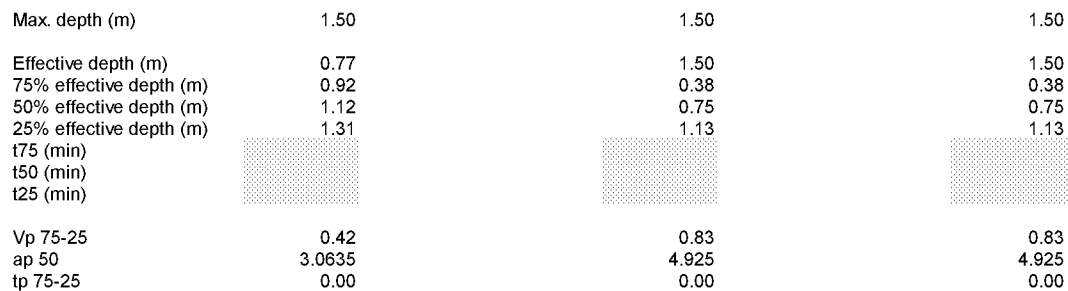
Soil infiltration rate (m/s)	Insufficient fall in water to complete test	
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test	



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

Job No. : GE17671

Date : 14-16/01/2019

[illegible]ARUN DISTRICT COUNCIL P/97/20/PL

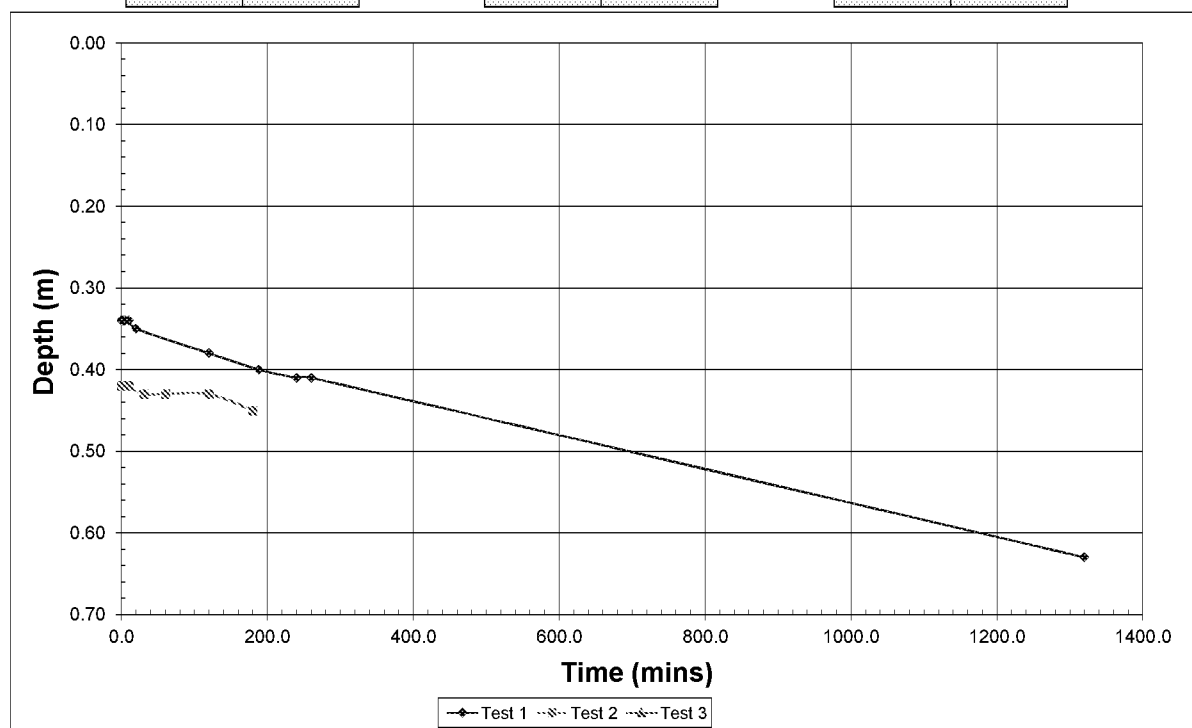
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL 
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ Client : Drew Smith Limited		Job No. : GE17671 Date : 14-16/01/2019

Pit reference	TP12
Pit depth (m)	0.63
Pit width (m)	0.55
Pit length (m)	1.30
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.34
1.0	0.34
2.0	0.34
3.0	0.34
4.0	0.34
5.0	0.34
10.0	0.34
20.0	0.35
120.0	0.38
188.0	0.40
240.0	0.41
260.0	0.41
1320.0	0.63

Test 2	
Time (min)	Depth (m)
0.0	0.42
1.0	0.42
2.0	0.42
3.0	0.42
4.0	0.42
5.0	0.42
10.0	0.42
30.0	0.43
60.0	0.43
120.0	0.43
180.0	0.45

Test 3	
Time (min)	Depth (m)



Max. depth (m)	0.63	0.63	0.63
Effective depth (m)	0.29	0.21	0.63
75% effective depth (m)	0.41	0.47	0.16
50% effective depth (m)	0.49	0.53	0.32
25% effective depth (m)	0.56	0.58	0.47
t75 (min)	260.00		
t50 (min)	640.00		
t25 (min)	980.00		
Vp 75-25	0.10	0.08	0.23
ap 50	1.2515	1.1035	1.8805
tp 75-25	720.00	0.00	0.00

Soil infiltration rate (m/s)	1.9E-06		
Soil infiltration rate (mm/hr)	6.90E+00		

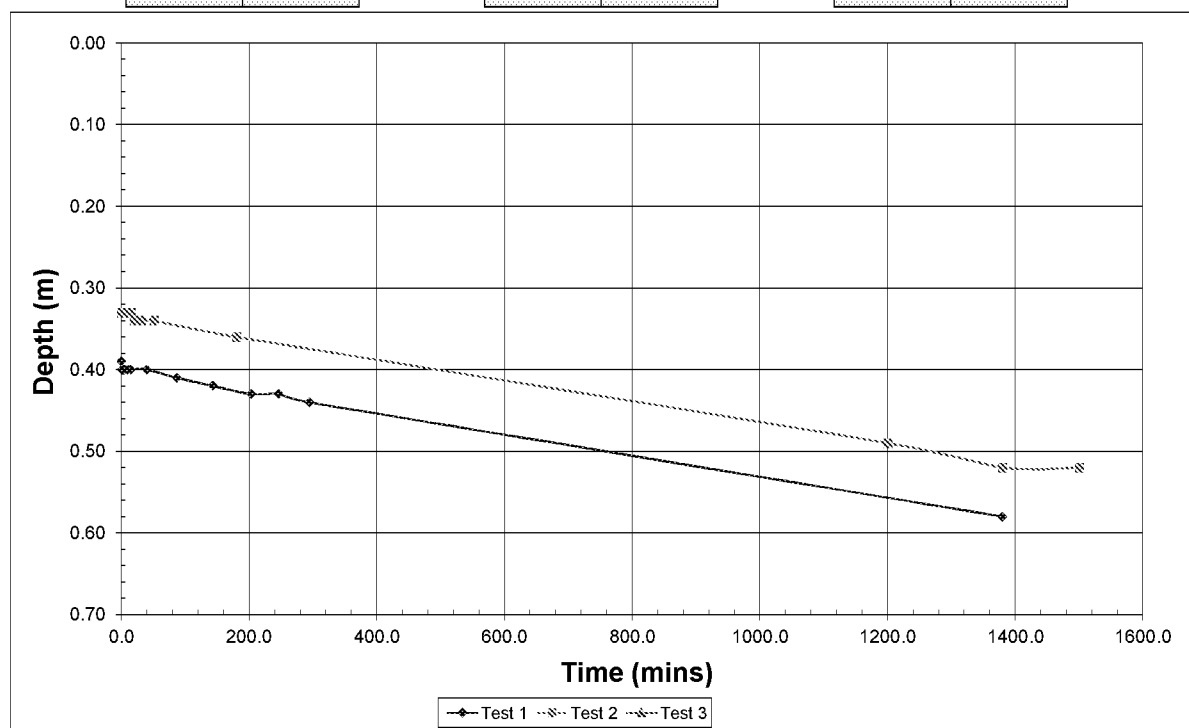
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL
Project Name : Summer Lane, Pagham, Bongor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP13
Pit depth (m)	0.70
Pit width (m)	0.55
Pit length (m)	2.00
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.39
1.0	0.40
2.0	0.40
3.0	0.40
4.0	0.40
5.0	0.40
10.0	0.40
15.0	0.40
40.0	0.40
87.0	0.41
143.0	0.42
203.0	0.43
246.0	0.43
294.0	0.44
1380.0	0.58

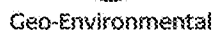
Test 2	
Time (min)	Depth (m)
0.0	0.33
1.0	0.33
2.0	0.33
3.0	0.33
4.0	0.33
5.0	0.33
10.0	0.33
15.0	0.33
20.0	0.34
31.0	0.34
51.0	0.34
180.0	0.36
1200.0	0.49
1380.0	0.52
1500.0	0.52

Test 3	
Time (min)	Depth (m)



Max. depth (m)	0.70	0.70	0.70
Effective depth (m)	0.31	0.37	0.70
75% effective depth (m)	0.47	0.42	0.18
50% effective depth (m)	0.55	0.52	0.35
25% effective depth (m)	0.62	0.61	0.53
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.17	0.20	0.39
ap 50	1.8905	2.0435	2.885
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test	
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test	



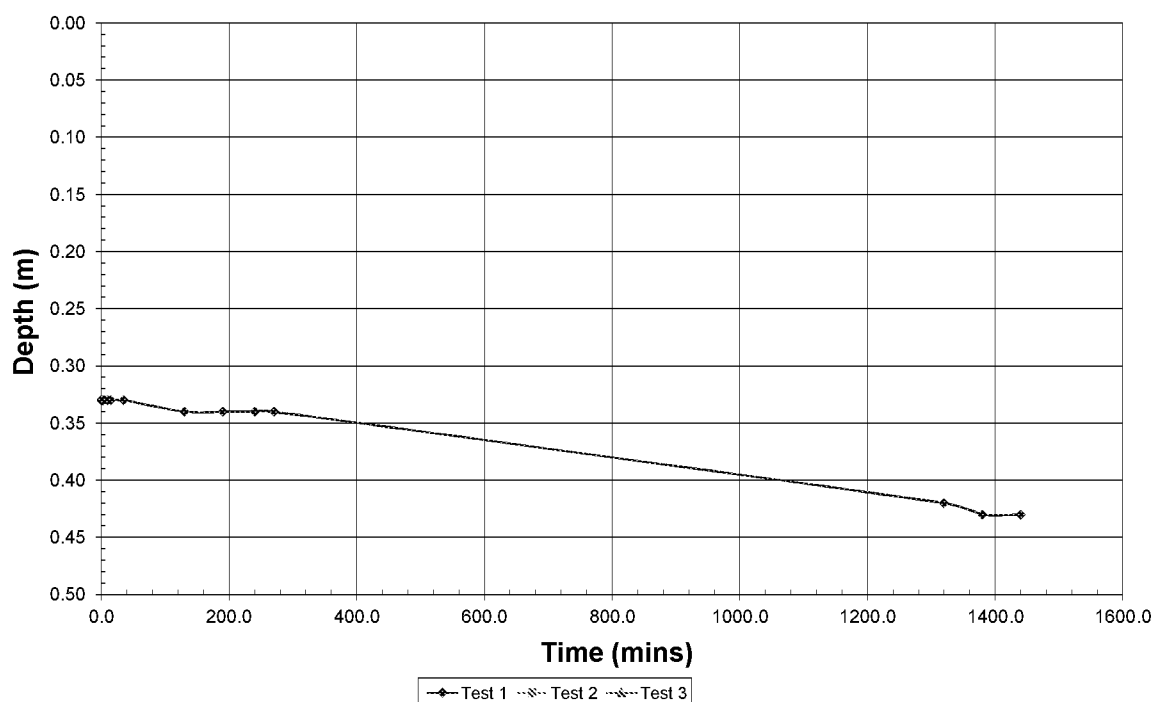
Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Job No. : GE17671

Date : 14-16/01/2019

Pit reference	TP14
Pit depth (m)	0.60
Pit width (m)	0.55
Pit length (m)	1.40
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.33
1.0	0.33
2.0	0.33
3.0	0.33
4.0	0.33
5.0	0.33
10.0	0.33
15.0	0.33
35.0	0.33
130.0	0.34
190.0	0.34
240.0	0.34
270.0	0.34
1320.0	0.42
1380.0	0.43
1440.0	0.43

[illegible][illegible]

Max. depth (m)	0.60	0.60	0.60
Effective depth (m)	0.27	0.60	0.60
75% effective depth (m)	0.40	0.15	0.15
50% effective depth (m)	0.47	0.30	0.30
25% effective depth (m)	0.53	0.45	0.45
t75 (min)			
t50 (min)			
t25 (min)			
Vp 75-25	0.10	0.23	0.23
ap 50	1.2965	1.94	1.94
tp 75-25	0.00	0.00	0.00

Soil infiltration rate (m/s)	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	Insufficient fall in water to complete test

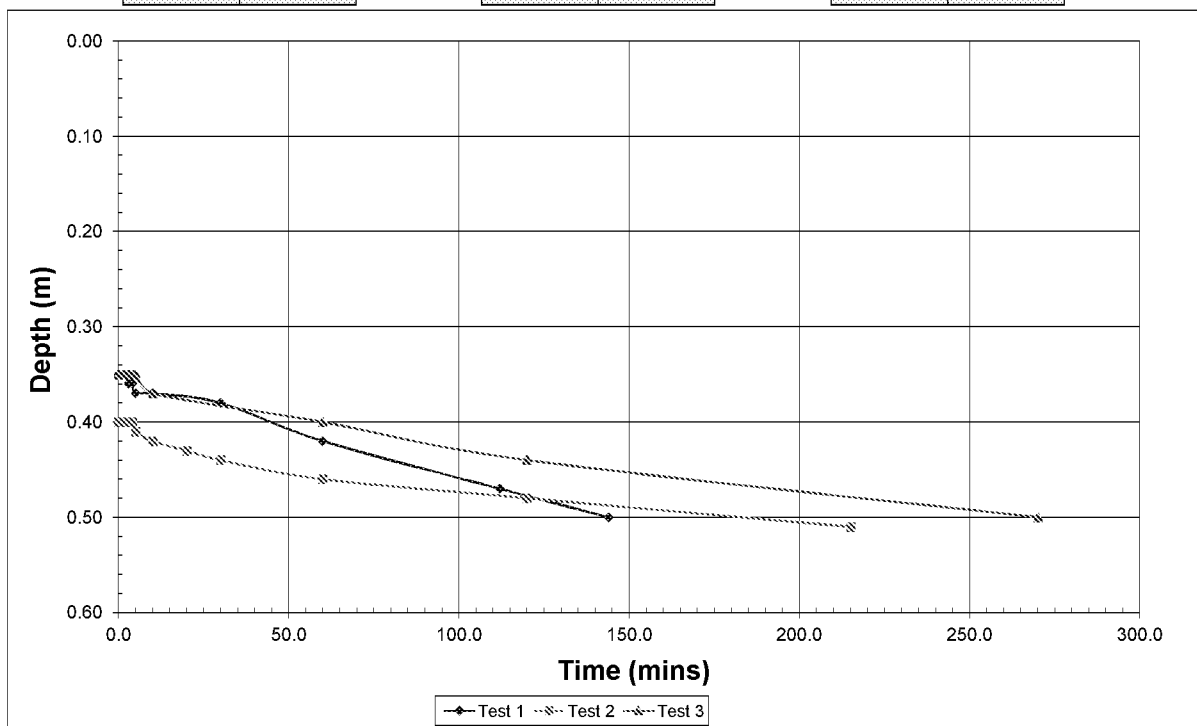
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL 
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP15
Pit depth (m)	0.55
Pit width (m)	0.55
Pit length (m)	1.40
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.35
1.0	0.35
2.0	0.35
3.0	0.36
4.0	0.36
5.0	0.37
10.0	0.37
30.0	0.38
60.0	0.42
112.0	0.47
144.0	0.50

Test 2	
Time (min)	Depth (m)
0.0	0.40
1.0	0.40
2.0	0.40
3.0	0.40
4.0	0.40
5.0	0.41
10.0	0.42
20.0	0.43
30.0	0.44
60.0	0.46
120.0	0.48
215.0	0.51

Test 3	
Time (min)	Depth (m)
0.0	0.35
1.0	0.35
2.0	0.35
3.0	0.35
4.0	0.35
5.0	0.35
10.0	0.37
60.0	0.40
120.0	0.44
270.0	0.50



Max. depth (m)	0.55	0.55	0.55
Effective depth (m)	0.20	0.15	0.20
75% effective depth (m)	0.40	0.44	0.40
50% effective depth (m)	0.45	0.48	0.45
25% effective depth (m)	0.50	0.51	0.50
t75 (min)	44.00	30.00	0.60
t50 (min)	90.00	120.00	145.00
t25 (min)	144.00	215.00	270.00
Vp 75-25	0.08	0.06	0.08
ap 50	1.16	1.0625	1.16
tp 75-25	100.00	185.00	269.40

Soil infiltration rate (m/s)	1.1E-05	4.9E-06	4.1E-06
Soil infiltration rate (mm/hr)	3.98E+01	1.76E+01	1.48E+01

Based on extrapolated data in red

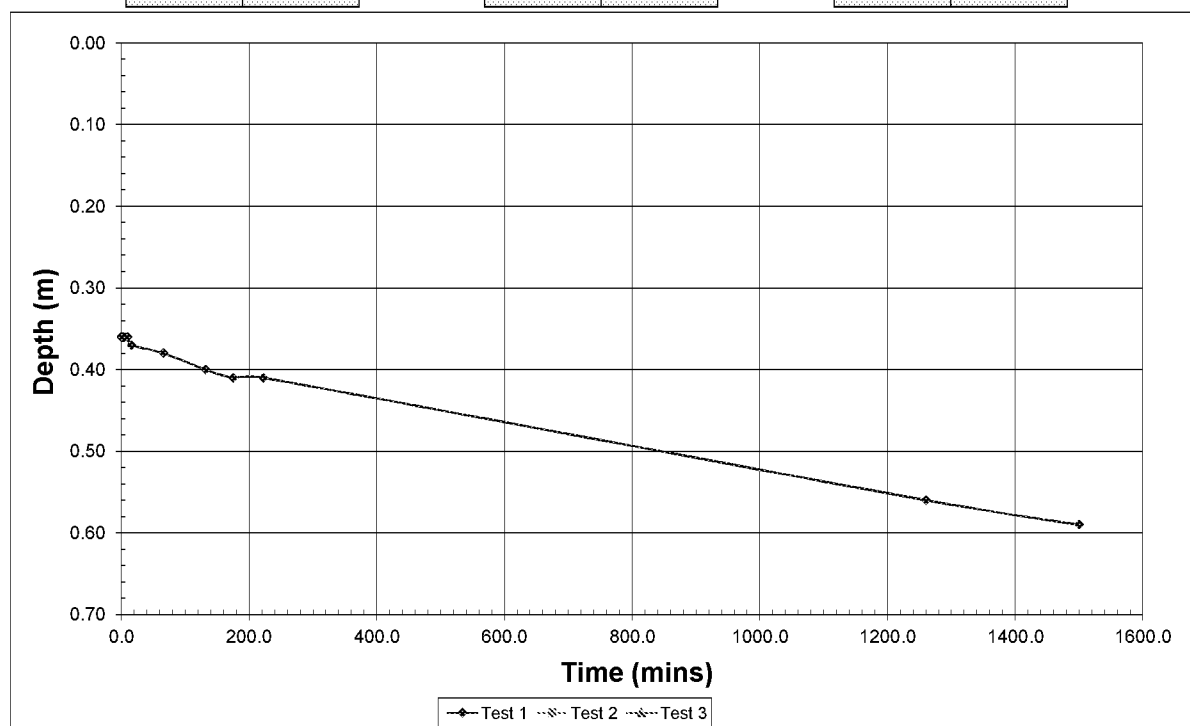
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP16
Pit depth (m)	0.67
Pit width (m)	0.55
Pit length (m)	1.50
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.36
1.0	0.36
2.0	0.36
3.0	0.36
4.0	0.36
5.0	0.36
10.0	0.36
16.0	0.37
66.0	0.38
132.0	0.40
175.0	0.41
222.0	0.41
1260.0	0.56
1500.0	0.58

Test 2	
Time (min)	Depth (m)

Test 3	
Time (min)	Depth (m)



Max. depth (m)	0.67	0.67	0.67
Effective depth (m)	0.31	0.67	0.67
75% effective depth (m)	0.44	0.17	0.17
50% effective depth (m)	0.52	0.34	0.34
25% effective depth (m)	0.59	0.50	0.50
t75 (min)	430.00		
t50 (min)	980.00		
t25 (min)	1500.00		
Vp 75-25	0.13	0.28	0.28
ap 50	1.4605	2.1985	2.1985
tp 75-25	1070.00	0.00	0.00

Soil infiltration rate (m/s)	1.4E-05	
Soil infiltration rate (mm/hr)	4.3E+00	

Based on extrapolated data in red

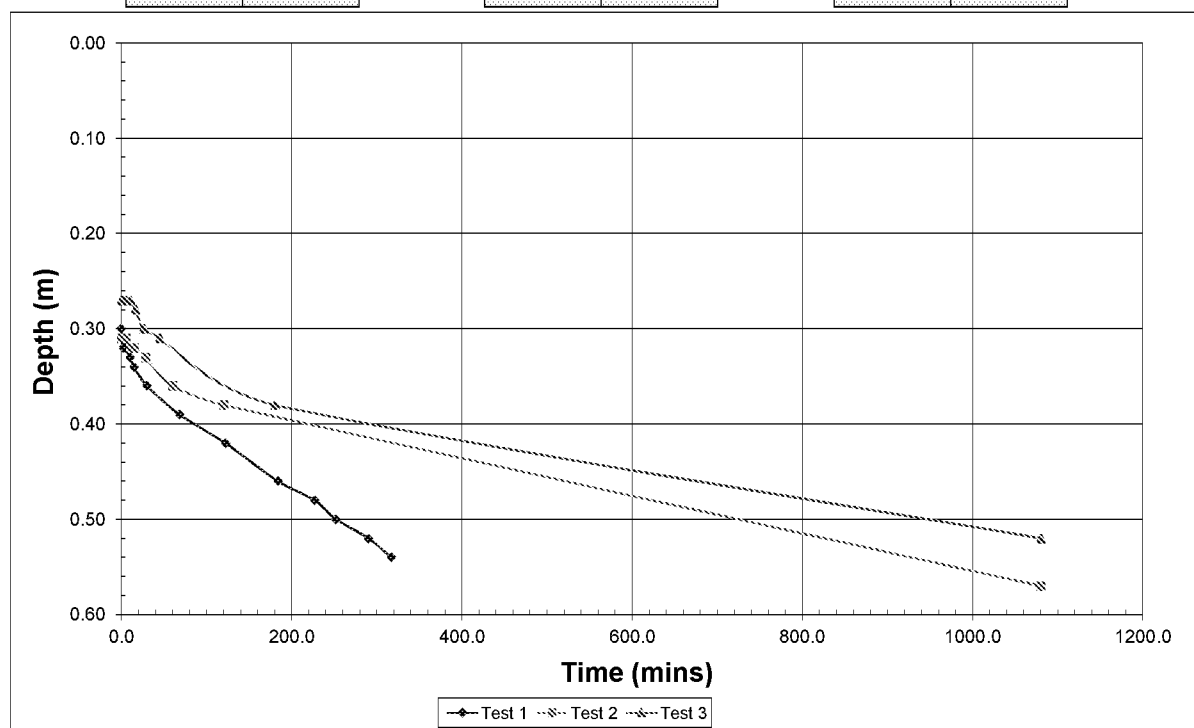
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL 
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP17
Pit depth (m)	0.60
Pit width (m)	0.55
Pit length (m)	1.20
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.30
1.0	0.31
2.0	0.32
3.0	0.32
4.0	0.32
5.0	0.32
10.0	0.33
15.0	0.34
30.0	0.36
68.0	0.39
122.0	0.42
184.0	0.46
227.0	0.48
252.0	0.50
290.0	0.52
317.0	0.54

Test 2	
Time (min)	Depth (m)
0.0	0.31
1.0	0.31
2.0	0.31
3.0	0.31
4.0	0.31
5.0	0.31
10.0	0.32
15.0	0.32
28.0	0.33
60.0	0.36
120.0	0.38
1080.0	0.57

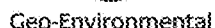
Test 3	
Time (min)	Depth (m)
0.0	0.27
1.0	0.27
2.0	0.27
3.0	0.27
4.0	0.27
5.0	0.27
10.0	0.27
16.0	0.28
26.0	0.30
45.0	0.31
180.0	0.38
1080.0	0.52



Max. depth (m)	0.60	0.60	0.60
Effective depth (m)	0.30	0.29	0.33
75% effective depth (m)	0.38	0.38	0.35
50% effective depth (m)	0.45	0.46	0.44
25% effective depth (m)	0.53	0.53	0.52
t75 (min)	50.00	120.00	105.00
t50 (min)	163.00	520.00	540.00
t25 (min)	303.00	860.00	1080.00
Vp 75-25	0.10	0.10	0.11
ap 50	1.185	1.1675	1.2375
tp 75-25	253.00	740.00	975.00

Soil infiltration rate (m/s)	5.5E-06	1.8E-06	1.5E-06
Soil infiltration rate (mm/hr)	1.98E+01	6.65E+00	5.40E+00

Based on extrapolated data in red



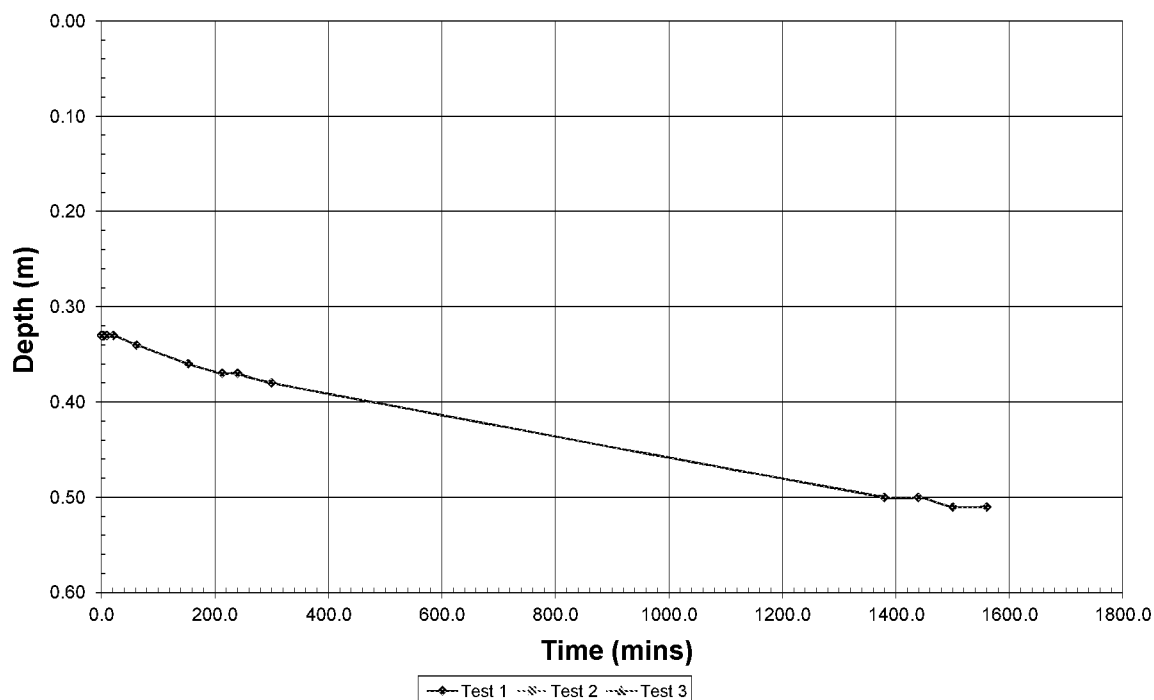
Geo-Environmental Services Limited
Unit 7 Danworth Farm, Cuckfield Road,
Hurstpierpoint, West Sussex BN6 9GL

Job No. : GE17671

Date : 14-16/01/2019

Pit reference	TP18
Pit depth (m)	0.50
Pit width (m)	0.55
Pit length (m)	0.65
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.33
1.0	0.33
2.0	0.33
3.0	0.33
4.0	0.33
5.0	0.33
10.0	0.33
21.0	0.33
62.0	0.34
153.0	0.36
213.0	0.37
240.0	0.37
300.0	0.38
1380.0	0.50
1440.0	0.50
1500.0	0.51
1560.0	0.51

[illegible][illegible]

Max. depth (m)	0.50	0.50	0.50
Effective depth (m)	0.17	0.50	0.50
75% effective depth (m)	0.37	0.13	0.13
50% effective depth (m)	0.42	0.25	0.25
25% effective depth (m)	0.46	0.38	0.38
t75 (min)	240.00		
t50 (min)	660.00		
t25 (min)	1020.00		
Vp 75-25	0.03	0.09	0.09
ap 50	0.5615	0.9575	0.9575
tp 75-25	780.00	0.00	0.00

Soil infiltration rate (m/s)	1.2E-06		
Soil infiltration rate (mm/hr)	4.16E+00		

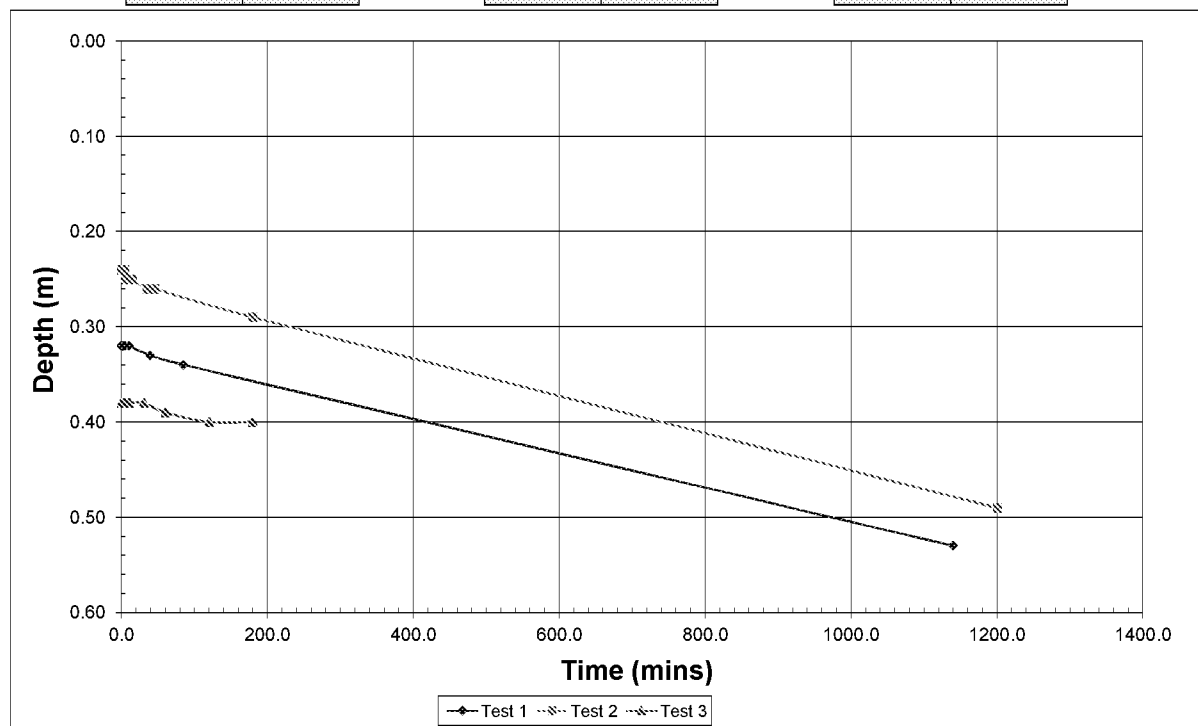
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint West Sussex BN6 9GL
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ Client : Drew Smith Limited		Job No. : GE17671 Date : 14-16/01/2019

Pit reference	TP19
Pit depth (m)	0.55
Pit width (m)	0.55
Pit length (m)	1.90
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.32
1.0	0.32
2.0	0.32
3.0	0.32
4.0	0.32
5.0	0.32
10.0	0.32
39.0	0.33
85.0	0.34
1140.0	0.53

Test 2	
Time (min)	Depth (m)
0.0	0.24
1.0	0.24
2.0	0.24
3.0	0.24
4.0	0.24
5.0	0.25
10.0	0.25
15.0	0.25
35.0	0.26
45.0	0.26
180.0	0.29
1200.0	0.49

Test 3	
Time (min)	Depth (m)
0.0	0.38
1.0	0.38
2.0	0.38
3.0	0.38
4.0	0.38
5.0	0.38
10.0	0.38
30.0	0.38
60.0	0.39
120.0	0.40
180.0	0.40



Max. depth (m)	0.55	0.55	0.55
Effective depth (m)	0.23	0.31	0.17
75% effective depth (m)	0.38	0.32	0.42
50% effective depth (m)	0.44	0.40	0.47
25% effective depth (m)	0.49	0.47	0.51
t75 (min)	300.00	330.00	
t50 (min)	640.00	740.00	
t25 (min)	930.00	1100.00	
Vp 75-25	0.12	0.16	0.09
ap 50	1.6085	1.8045	1.4615
tp 75-25	630.00	770.00	0.00

Soil infiltration rate (m/s)	2.0E-06	1.9E-06	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	7.12E+00	6.99E+00	Insufficient fall in water to complete test

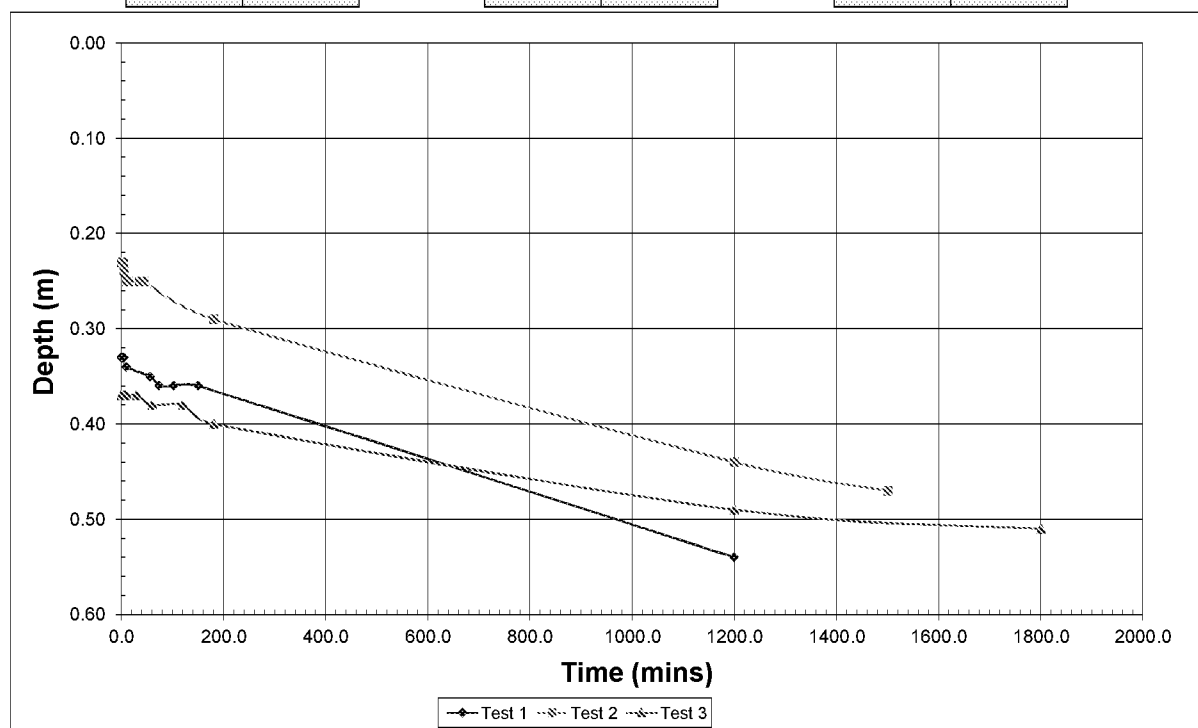
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN6 9GL
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP20
Pit depth (m)	0.55
Pit width (m)	0.55
Pit length (m)	1.60
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.33
1.0	0.33
2.0	0.33
3.0	0.33
4.0	0.33
5.0	0.33
10.0	0.34
56.0	0.35
74.0	0.36
102.0	0.36
150.0	0.36
1200.0	0.54

Test 2	
Time (min)	Depth (m)
0.0	0.23
1.0	0.23
2.0	0.23
3.0	0.23
4.0	0.24
5.0	0.24
10.0	0.25
13.0	0.25
35.0	0.25
43.0	0.25
180.0	0.29
1200.0	0.44
1500.0	0.47

Test 3	
Time (min)	Depth (m)
0.0	0.37
1.0	0.37
2.0	0.37
3.0	0.37
4.0	0.37
5.0	0.37
10.0	0.37
30.0	0.37
60.0	0.38
120.0	0.38
180.0	0.40
1200.0	0.49
1500.0	0.51



Max. depth (m)	0.55	0.55	0.55
Effective depth (m)	0.22	0.32	0.18
75% effective depth (m)	0.39	0.31	0.42
50% effective depth (m)	0.44	0.39	0.46
25% effective depth (m)	0.50	0.47	0.51
t75 (min)	270.00	380.00	400.00
t50 (min)	620.00	790.00	800.00
t25 (min)	970.00	1500.00	1500.00
Vp 75-25	0.10	0.14	0.08
ap 50	1.353	1.568	1.267
tp 75-25	700.00	1120.00	1100.00

Soil infiltration rate (m/s)	1.7E-06	1.3E-06	3.5E-07
Soil infiltration rate (mm/hr)	6.13E+00	4.81E+00	3.41E+00

Based on extrapolated data in red

Based on extrapolated data in red

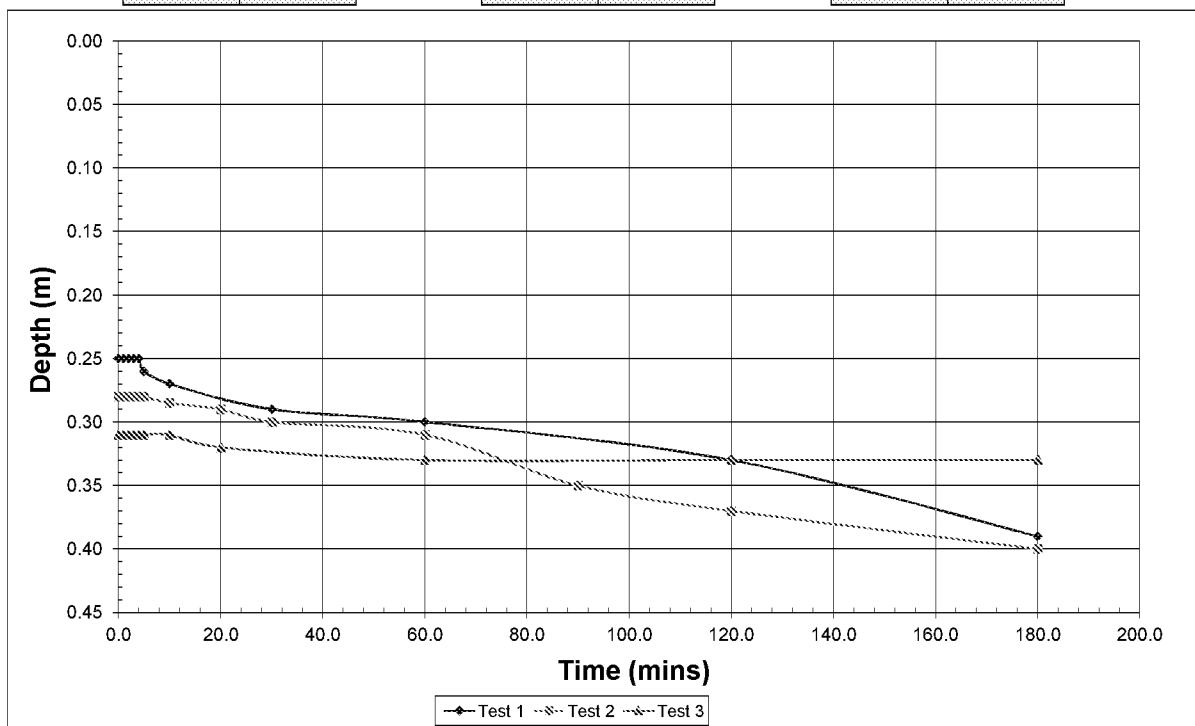
 Geo-Environmental	Soakaway Test Results (after BRE Digest 365)	Geo-Environmental Services Limited Unit 7 Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex BN16 9CL
Project Name : Summer Lane, Pagham, Bognor Regis, PO21 4NQ		Job No. : GE17671
Client : Drew Smith Limited		Date : 14-16/01/2019

Pit reference	TP21
Pit depth (m)	0.44
Pit width (m)	0.55
Pit length (m)	1.40
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.25
1.0	0.25
2.0	0.25
3.0	0.25
4.0	0.25
5.0	0.26
10.0	0.27
30.0	0.29
60.0	0.30
120.0	0.33
180.0	0.39

Test 2	
Time (min)	Depth (m)
0.0	0.28
1.0	0.28
2.0	0.28
3.0	0.28
4.0	0.28
5.0	0.28
10.0	0.29
20.0	0.29
30.0	0.30
60.0	0.31
90.0	0.35
120.0	0.37
180.0	0.40

Test 3	
Time (min)	Depth (m)
0.0	0.31
1.0	0.31
2.0	0.31
3.0	0.31
4.0	0.31
5.0	0.31
10.0	0.31
20.0	0.32
60.0	0.33
120.0	0.33
180.0	0.33



Max. depth (m)	0.44	0.44	0.44
Effective depth (m)	0.19	0.16	0.13
75% effective depth (m)	0.30	0.32	0.34
50% effective depth (m)	0.35	0.36	0.38
25% effective depth (m)	0.39	0.40	0.41
t75 (min)	60.00	76.00	
t50 (min)	142.00	100.00	
t25 (min)	180.00	180.00	
Vp 75-25	0.07	0.06	0.05
ap 50	1.1405	1.082	1.0235
tp 75-25	120.00	104.00	0.00

Soil infiltration rate (m/s)	8.9E-06	9.1E-06	Insufficient fall in water to complete test
Soil infiltration rate (mm/hr)	3.21E+01	3.28E+01	Insufficient fall in water to complete test

Appendix (C)

Proposed Site Layout

GENERAL NOTES:
1. This drawing is the copyright of Kenn Scaddan Associates Ltd and may not be copied, altered or reproduced in any form or passed on to a third party without written consent. If in doubt ASK.
2. This drawing has been produced as a guide, and is subject to further detailed information being provided, including but not limited to a full topographical survey, service enquires and an arboriculture study.

Schedule of Accommodation

WESTERN PARCEL - (36 units)

- 2no. 3 Bed Houses (TYPE A) 93m² - 97m²
- 2no. 2 Bed Houses (TYPE C) 79m²
- 27no. 3 Bed Houses (TYPE G) 98m² - 100m²

Sub Total - 33 Units

AR - Affordable Rent

- 2no. 3 Bed Houses (TYPE A) 93m² - 95m²
- 3no. 2 Bed Houses (TYPE C) 79m²

Sub Total - 5 Units

P3	07.05.20	Amended as per client note	CG	
P2	07.05.20	Schedule of Accommodation amended as per client notes	CG	
P1	06.05.20	Plots 35-59 indicated as affordable rent as per client note. Drawing Status updated	CG	
A	02.04.20	First Issue	CG	DRK
Rev	Date	Description	Rev By	Ckd By

KSA The people orientated placemakers.

Client
DREW SMITH

Project
Land off Summer Lane
Pagham

Drawing Title
Proposed Site Plan
105 Unit Scheme

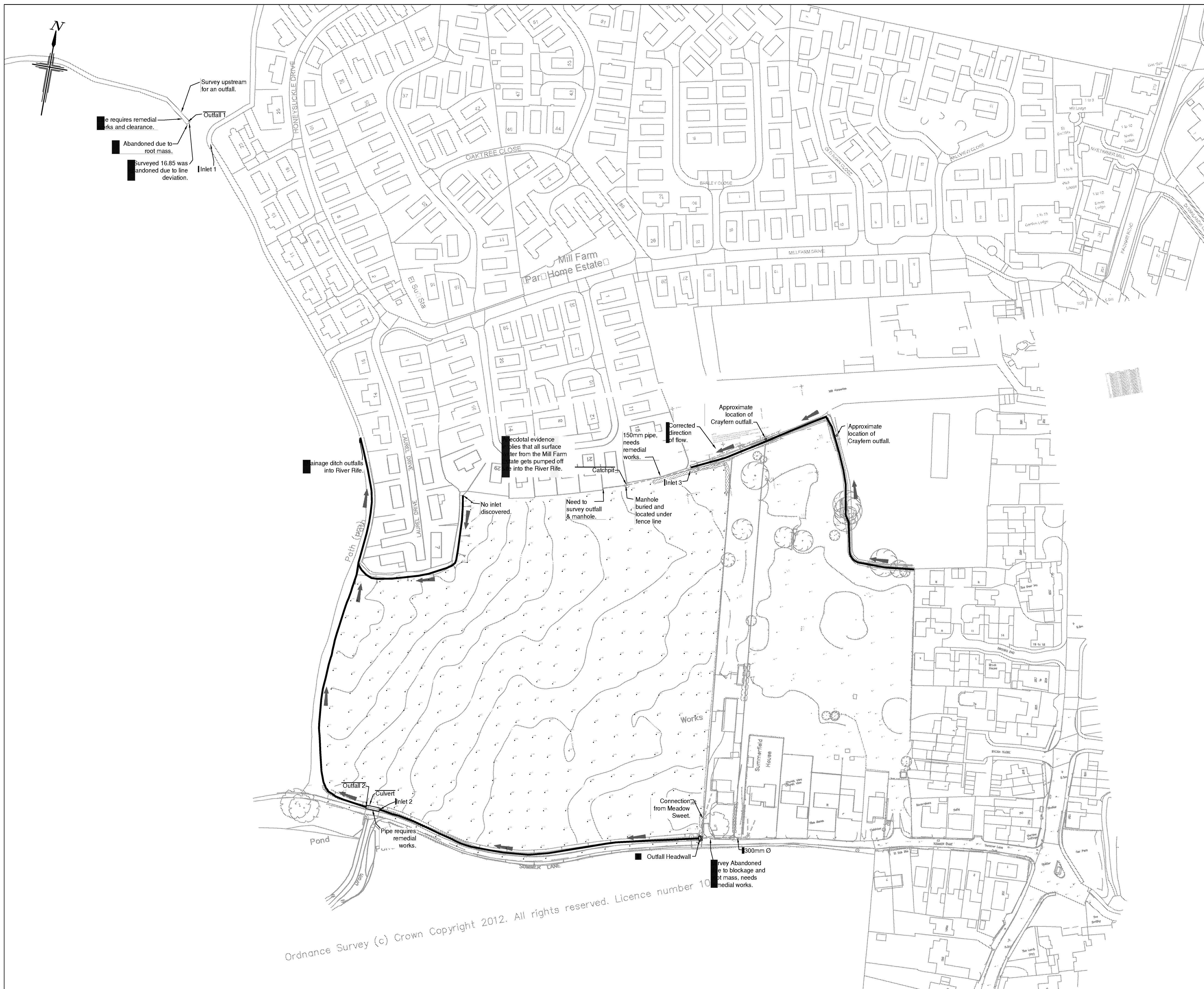
Drawing Status
PLANNING
Document Ref.
1223 100
Revision
P3
Scale
1:500 @ A1
Drawn By
CG

RIBA KSA Architects Ltd, Concept House 35 Kingston Crescent, North End Portsmouth, Hampshire, PO2 6AA Phone: 023 9267 3618 Email: info@ksa.co.uk Web: www.ksa.co.uk



Appendix (D)

Existing Drainage Regime



T: 01256 769269 E: mail@repconsultants.co.uk W: repconsultants.co.uk