

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 33: Excavation of trial pit TP18.	Photo 34: Arisings from trial pit TP18.	
		
Photo 35: Excavation of trial pit TP19.	Photo 36: Arisings from trial pit TP19.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 37: Excavation of trial pit TP21.	Photo 38: Arisings from trial pit TP21.	
		
Photo 39: Excavation of trial pit TP22.	Photo 40: Arisings from trial pit TP22.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 41: Excavation of trial pit TP23.	Photo 42: Arisings from trial pit TP23.	
		
Photo 43: Excavation of trial pit TP24.	Photo 44: Arisings from trial pit TP24.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 45: Excavation of trial pit TP25.	Photo 46: Arisings from trial pit TP25.	
		
Photo 47: Excavation of trial pit TP26.	Photo 48: Arisings from trial pit TP26.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 49: Excavation of trial pit TP27.	Photo 50: Arisings from trial pit TP27.	
		
Photo 51: Excavation of trial pit TP28.	Photo 52: Arisings from trial pit TP28.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 53: Excavation of trial pit TP29.	Photo 54: Arisings from trial pit TP29.	
		
Photo 55: Excavation of trial pit TP30.	Photo 56: Arisings from trial pit TP30.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 57: Excavation of trial pit TP31.	Photo 58: Arisings from trial pit TP31.	
		
Photo 59: Excavation of trial pit TP32.	Photo 60: Arisings from trial pit TP32.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 61: Excavation of trial pit TP34.	Photo 62: Arisings from trial pit TP34.	
		
Photo 63: Excavation of trial pit TP35.	Photo 64: Arisings from trial pit TP35.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 65: Excavation of trial pit TP36.	Photo 66: Arisings from trial pit TP36.	
		
Photo 67: Excavation of trial pit TP37.	Photo 68: Arisings from trial pit TP37.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623
Photo 69: Excavation of trial pit TP38.	Photo 70: Arisings from trial pit TP38.	
		
Photo 71: Excavation of trial pit TP39.	Photo 72: Arisings from trial pit TP39.	

		Geo Environmental Group Geotechnical, Environmental & Ecological Consultants  Geo Environmental Group GEG House 17 Graham Road Malvern WR14 2HR	
Photo 73: Excavation of trial pit TP44.	Photo 74: Arisings from trial pit TP44.		
	No Photograph		
Photo 75: Excavation of trial pit IT41.	Photo 76: Arisings from trial pit IT41.		
			Client: Brookbanks Project: Pagham, West Sussex Project No.: GEG-19-623



Photo 77: Excavation of trial pit IT42.



Photo 78: Arisings from trial pit IT42.



Photo 79: Excavation of trial pit IT43.



Photo 80: Arisings from trial pit IT43.

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Geo Environmental Group
GEG House
17 Graham Road
Malvern
WR14 2HR

Client: Brookbanks

Project: Pagham, West Sussex

Project No.: GEG-19-623



APPENDIX C

EXPLORATORY HOLE LOGS



Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489737E - 99402N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 23/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
		0.50		HVP=42	0.40			Firm orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
		1.00	SPT	N=6 (1,1/1,2,1,2)				<u>1.00-1.50m Becoming soft</u>	1.0
		1.50	PP	0.00	1.50			(Soft to very soft) sandy slightly gravelly silty CLAY. Gravel is fine to medium sub-angular flint. (RIVER TERRACE DEPOSITS)	1.5
		2.00	SPT	N=30 (2,3/5,7,8,10)	2.00			Medium dense to dense yellowish brown gravelly medium SAND. Gravel is medium sub-rounded flint. (RIVER TERRACE DEPOSITS)	2.0
								<u>2.50-3.40m Becoming grey</u>	2.5
		3.00	SPT	N=4 (1,1/1,1,1,1)				<u>3.00-3.40m Becoming very loose to loose</u>	3.0
					3.40			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
					3.70			Stiff dark grey silty CLAY. (LONDON CLAY FORMATION)	4.0
		4.00	SPT	N=23 (2,3/4,5,7,7)					4.5
		5.00 - 5.50	U					<u>5.00-5.50m QUT= 64 kPa. Becoming firm</u>	5.0
					5.50			End of Borehole at 5.500m	5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. PP = Pocket Penetrometer measurement in kPa. 4. 50mm standpipe installed 5m, response zone 5-1m, bentonite seal 1-0.3m, flush cover concreted 0.3-0m.





Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489725E - 99297N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

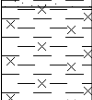
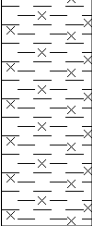
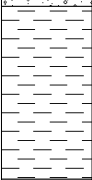
Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 23/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.50			Very soft to soft greyish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
		0.80		HVP=20				<u>0.80-2.00m Becoming soft</u>	
		1.00	SPT	N=5 (1,0/1,1,1,2)					1.0
									1.5
		2.00	SPT	N=4 (1,2/1,1,1,1)	2.00				2.0
									2.5
		3.00	SPT	N=7 (1,1/1,2,2,2)				<u>3.00-4.00m Becoming loose</u>	3.0
									3.5
		4.00	SPT	N=12 (2,1/2,3,3,4)	4.00			Firm greyish brown CLAY. (LONDON CLAY FORMATION)	4.0
					4.80			(Stiff) dark grey CLAY. (LONDON CLAY FORMATION)	4.5
					5.00			End of Borehole at 5.000m	5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489450E - 99223N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 23/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.40			(Soft) dark brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
		0.80		HVP=18				<u>0.80-1.00m Becoming very soft</u>	
		1.00	SPT	N=4 (1,1/1,1,1,1)				<u>1.00-1.50m Becoming very soft to soft</u>	1.0
		1.50		HVP=24				<u>1.50-1.80m Becoming soft</u>	1.5
		1.80		HVP=8				<u>1.80-2.00m Becoming (very soft)</u>	
		2.00	SPT	N=4 (2,2/1,1,1,1)	2.00			Very loose to loose SAND/GRAVEL. [Limited Recovery] (RIVER TERRACE DEPOSITS)	2.0
									2.5
		3.00	SPT	N=7 (1,2/1,2,2,2)				<u>3.00-4.00m Becoming loose</u>	3.0
									3.5
		4.00	SPT	N=14 (2,2/3,3,4,4)	4.00			Firm dark brown slightly sandy silty CLAY with lenses of sand and gravel. (RIVER TERRACE DEPOSITS)	4.0
					4.30			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	4.5
					4.90			(Stiff) dark greyish brown CLAY. (LONDON CLAY FORMATION)	5.0
					5.00			End of Borehole at 5.000m	
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489612E - 99162N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 23/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.40			(Firm) reddish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
		0.80		HVP=22				<u>0.80-1.00m Becoming soft</u>	
		1.00	SPT	N=10 (1,1/2,2,3,3)				<u>1.00-1.40m Becoming firm</u>	1.0
					1.40			(Soft) orangish brown sandy gravelly SILT. Gravel is fine sub-angular flint. (RIVER TERRACE DEPOSITS)	1.5
								<u>1.80-2.00m Becoming (very soft)</u>	2.0
		2.00	SPT	N=2 (1,1/1,0,0,1)	2.00			Very loose white medium SAND & GRAVEL of fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.5
								<u>3.00-3.50m Becoming dense</u>	3.0
		3.00	SPT	N=34 (3,5/7,9,9,9)					3.5
					3.50			End of Borehole at 3.500m	4.0
									4.5
									5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. Sand and gravel jamming barrel at 2.00-3.50m. 3. HVP=Uncorrected Hand Vane Measurement. 4. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS05

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489673E - 99069N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 24/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.30			(Firm) yellowish brown silty CLAY. (RIVER TERRACE DEPOSITS)	
		0.80		HVP=18				0.60-2.00m Becoming very soft	0.5
		1.00	SPT	N=1 (0,0/0,0,1,0)					1.0
		1.40		HVP=4					1.5
		2.00	SPT	N=11 (1,0/1,3,3,4)	2.00			Medium dense yellowish brown silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
					2.50			(Soft to firm) reddish brown silty CLAY. (RIVER TERRACE DEPOSITS)	2.5
		3.00	SPT	N=11 (2,2/3,3,2,3)	3.00			Firm dark grey CLAY. (LONDON CLAY FORMATION)	3.0
									3.5
		4.00	SPT	N=14 (1,2/3,3,4,4)					4.0
					5.00			End of Borehole at 5.000m	5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. 50mm standpipe installed 5m, response zone 5-1m, bentonite seal 1-0.3m, flush cover concreted 0.3-0m.





Borehole Log

Borehole No.

WS06

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489393E - 99068N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 24/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.30			(Firm) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
		0.60		HVP=18				<i>0.60-0.80m Becoming very soft</i>	
		1.00	SPT	N=15 (3,5/5,4,3,3)				<i>0.80-1.45m Becoming firm to stiff</i>	1.0
					1.45				
					1.90			(Very soft to soft) sandy slightly gravelly silty CLAY with occasional lenses of sand. Gravel is fine chalk and flint. (RIVER TERRACE DEPOSITS)	1.5
		2.00	SPT	N=14 (3,4/5,4,3,2)				Medium dense yellowish brown silty SAND & GRAVEL of fine to medium flint, chalk and quartzite. (RIVER TERRACE DEPOSITS)	2.0
									2.5
		3.00	SPT	N=20 (3,3/2,5,6,7)					3.0
									3.5
					3.45			End of Borehole at 3.450m	3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS07

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489349E - 98944N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 24/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00	SPT	N=35 (4,5/8,10,8,9)	0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.40			(Firm) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
					0.80			(Soft) brown sandy gravelly silty CLAY. Gravel is medium sub-rounded flint. (RIVER TERRACE DEPOSITS)	1.0
		2.00	SPT	N=6 (2,1/2,1,1,2)	1.00			Dense greyish brown silt gravelly SAND. Gravel is fine sub-angular chalk and flint. (RIVER TERRACE DEPOSITS)	1.5
					1.80			Soft pinkish brown CLAY. (NATURALLY REWORKED LONDON CLAY FORMATION)	2.0
		3.00	SPT	N=13 (2,2/3,3,3,4)	2.70			Firm dark grey silty CLAY. (LONDON CLAY FORMATION)	2.5
					3.45			End of Borehole at 3.450m	3.0
									3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489560E - 98942N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates: 24/10/2019

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
					0.30			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
								0.80-1.00m Becoming (soft)	
		1.00	SPT	N=14 (1,2/3,3,4,4)	1.00			Firm brown and grey clayey SILT. (RIVER TERRACE DEPOSITS)	1.0
					1.50			Medium dense brown and orangish brown silty SAND & GRAVEL of fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	1.5
		2.00	SPT	N=27 (3,4/6,6,7,8)					2.0
		3.00	SPT	N=20 (2,3/3,4,6,7)					2.5
									3.0
									3.5
					3.70			(Stiff) dark grey silty CLAY. (LONDON CLAY FORMATION)	4.0
					4.00			End of Borehole at 4.000m	4.0
									4.5
									5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. Upon completion borehole backfilled with arisings.





Borehole Log

Borehole No.

WS09

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489419E - 98876N

Hole Type
WS

Location: Hook Lane, Pagham, PO21 3PD

Level:

Scale
1:36

Client: Brookbanks / Hallam Land Management

Dates:

Logged By
NN

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
		0.50 - 1.00	U		0.40			Firm orangish brown slightly gravelly silty CLAY. Gravel is medium sub-rounded flint. (RIVER TERRACE DEPOSITS) <i>0.50-1.00m QUT= 50 kPa</i>	0.5
		1.00	SPT	N=17 (2,2/3,3,5,6)				<i>1.00-1.50m Becoming stiff</i>	1.0
					1.50			(Soft) yellowish brown sandy clayey SILT. (RIVER TERRACE DEPOSITS)	1.5
		2.00	SPT	N=25 (5,7/8,6,6,5)	1.80			Medium dense yellowish brown silty gravelly SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.0
					2.80				2.5
		3.00	SPT	N=17 (3,4/7,4,3,3)	2.90			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION) Stiff dark grey CLAY. (LONDON CLAY FORMATION)	3.0
									3.5
		4.00	SPT	N=28 (2,4/6,7,8,7)					4.0
		4.50 - 5.00	U					<i>4.50-5.00m QUT= 125 kPa</i>	4.5
					5.00			End of Borehole at 5.000m	5.0
									5.5
									6.0
									6.5

Remarks

1. No groundwater encountered. 2. 50mm standpipe installed 4m, response zone 4-1m, bentonite seal 1-0.3m, flush cover concreted 0.3-0m.





Trial Pit Log

TrialPit No
IT41
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489619.17 - 99273.30
Level:

Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
2.00

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft to firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	30					1.0
	1.00	HVP	30					
	1.00	HVP	30					
				1.50				1.5
	1.80	B					Loose slightly gravelly silty clayey fine to coarse SAND. Gravel is fine to medium. (RIVER TERRACE DEPOSITS)	
				2.00				2.0
							End of Pit at 2.000m	2.5
								3.0
								3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 2.00m as very slow flow. 2. Infiltration test undertaken in trial pit. 3. HVP=Uncorrected Hand Vane Measurement. 4. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

Trial Pit No
IT42
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489565.39 - 99458.15 Level:	Date 23/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.00 Depth 1.80	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.60	LB		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Medium dense) orangish brown clayey silty sandy fine to coarse GRAVEL of sub-rounded quartzite and flint. (POSSIBLE RAISED BEACH DEPOSITS)	0.5
				0.70			(Firm to stiff) pinkish brown mottled grey slightly gravelly CLAY with occasional boulder sized lenses of sand and gravel. Gravel is fine sub-angular mudstone nodules. (NATURALLY REWORKED LONDON CLAY FORMATION)	1.0
	1.50 1.50 1.50	HVP HVP HVP	120 120 120	1.50			Stiff greyish brown mottled grey slightly gravelly CLAY. Gravel is fine sub-angular mudstone nodules. (LONDON CLAY FORMATION)	1.5
				1.80			End of Pit at 1.80m	2.0
								2.5
								3.0
								3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 1.50m as very slow flow. 2. Infiltration test undertaken in trial pit. 3. HVP=Uncorrected Hand Vane Measurement. 4. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
IT43
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489600.47 - 99481.60
Level:

Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00
Depth 2.00

Scale
1:25
Logged
NN

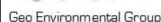
Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.80	LB		0.00			(Soft) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) greenish brown and brown sandy gravelly silty CLAY. (POSSIBLE RAISED BEACH DEPOSITS)	0.5
				0.50			(Loose to medium dense) yellowish brown silty sandy fine to coarse GRAVEL of sub-rounded flint with occasional boulder-sized lenses of clay. (POSSIBLE RAISED BEACH DEPOSITS)	
				0.90			(Soft) pinkish brown sandy clayey SILT with numerous boulder-sized lenses of (very soft) silt and yellowish brown gravelly sand. Gravel is medium sub-rounded flint nodules. (REWORKED LONDON CLAY FORMATION)	1.0
				1.80			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	1.5
				2.00			End of Pit at 2.000m	2.0
								2.5
								3.0
								3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 1.20m as slow flow. 2. Infiltration test undertaken in trial pit. 3. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





TrialPit No
PCB01
Sheet 1 of 1

Date
24/10/2019

Logged
NN



Trial Pit Log

TrialPit No
TP01
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489670.90 - 99438.21 Level:	Date 23/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.50 Depth 3.50	Scale 1:25 Logged NN
Client: Brookbanks / Hallam Land Management			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft) orangish brown sandy gravelly CLAY and SILT. Gravel is medium sub-rounded quartzite and flint. (RIVER TERRACE DEPOSITS)	0.5
							0.70-1.60m With occasional boulder-sized lenses of (loose) sand and gravel.	1.0
	1.70	LB		1.60			(Medium dense) brown and grey clayey silty sandy fine to coarse GRAVEL of sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	1.5
							1.80-2.50m Becoming (loose)	2.0
				2.50			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	2.5
				3.00			(Stiff) dark grey CLAY. (LONDON CLAY FORMATION)	3.0
				3.50			End of Pit at 3.500m	3.5
								4.0
								4.5

Remarks: 1. No groundwater encountered. 2. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
TP02
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489717.01 - 99429.70
Level:

Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.50

1.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft to firm) brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	24					
	1.00	HVP	24					
	1.00	HVP	24				1.00-1.40m Becoming soft	1.0
				1.40			(Soft) orangish brown sandy gravelly SILT. Gravel is medium sub-rounded quartzite and flint. (RIVER TERRACE DEPOSITS)	1.5
				2.00			(Loose) brownish silty medium SAND & GRAVEL of coarse sub-rounded quartzite and flint. (RIVER TERRACE DEPOSITS)	2.0
				2.40			(Medium dense) grey clayey silty gravelly medium SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
				3.50			End of Pit at 3.500m	3.5
								4.0
								4.5

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Trial pit backfilling with sand from 2.00m, no progress after 20mins. 4. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00m





Trial Pit Log

TrialPit No
TP03
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489762.15 - 99394.84 Level:	Date 25/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.90 Depth 4.00	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	74					
	1.00	HVP	74					
	1.00	HVP	74					1.0
				1.50			(Soft) greenish and yellowish brown sandy slightly gravelly clayey SILT. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	1.5
	2.00	LB		1.80			(Loose to medium dense) greenish brown clayey silty sandy fine to coarse GRAVEL of medium sub-rounded flint. (RIVER TERRACE DEPOSITS)	2.0
				3.50			Stiff greyish brown silty CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	110					
	3.60	HVP	110					
	3.60	HVP	110					
	3.85	HVP	76	3.80			Firm dark brown CLAY. (LONDON CLAY FORMATION)	4.0
	3.85	HVP	76					
	3.85	HVP	76	4.00			End of Pit at 4.000m	4.5

Remarks: 1. Groundwater encountered at 2.00m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.50m





Trial Pit Log

TrialPit No
TP04
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489693.25 - 99368.88
Level:

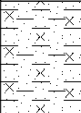
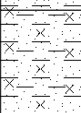
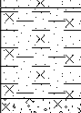
Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00
Depth 3.20

Scale
1:25
Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	90					
	1.00	HVP	90					
	1.00	HVP	90				1.00-1.80m Becoming stiff	1.0
				1.80			(Soft) orangish brown and greenish brown sandy slightly clayey SILT. (RIVER TERRACE DEPOSITS)	2.0
				2.10			(Loose to medium dense) greenish brown and yellowish brown silty slightly gravelly SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
							2.40-3.00m With occasional boulder-sized lenses of clay	
	3.10	HVP	90	3.00			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.0
	3.10	HVP	90	3.20			End of Pit at 3.200m	3.5

Remarks: 1. Groundwater encountered at 2.80m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.10-2.40m





Trial Pit Log

TrialPit No
TP05
Sheet 1 of 1

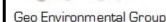
Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489817.93 - 99367.95 Level:	Date 25/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.50 Depth 4.00	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	56				1.00-1.50m Becoming firm	1.0
	1.00	HVP	56					
	1.00	HVP	56					
	1.20	D					1.50-2.00m Becoming soft	1.5
	1.50	HVP	36					
	1.50	HVP	36					
	1.50	HVP	36					
				2.00			(Medium dense) bluish grey and grey silty slightly gravelly SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.0
				2.20			(Loose to medium dense) yellow and yellowish brown silty SAND & GRAVEL of medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
								3.0
				3.40			Firm greyish brown silty CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	70					
	3.60	HVP	70					
	3.60	HVP	70					
				4.00			End of Pit at 4.000m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.50m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-3.50m





Trial Pit Log

TrialPit No

TP06

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489768.64 - 99356.03
Level:

Date
25/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.90

2.50

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	36					1.0
	1.00	HVP	36					
	1.00	HVP	36					
	1.20	LB						
								1.5
	1.60	HVP	56					
	1.60	HVP	56					
	1.60	HVP	56					
				1.90			(Soft) yellowish and orangish brown sandy gravelly clayey SILT. Gravel is coarse sub-rounded quartzite and flint. (RIVER TERRACE DEPOSITS)	2.0
								2.5
				2.80			(Loose to medium dense) yellowish brown silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	3.0
				3.50			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
				4.00			End of Pit at 4.000m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.50m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.80-3.50m





Trial Pit Log

TrialPit No
TP08
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489781.24 - 99327.82
Level:

Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.90

0.00

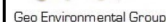
Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	50					1.0
	1.00	HVP	50				1.00-1.50m Becoming firm	
	1.00	HVP	50					
	1.50	HVP	110					1.5
	1.50	HVP	110				1.50-1.80m Becoming stiff	
	1.50	HVP	110					
				1.80			(Firm) greenish brown clayey SILT. (RIVER TERRACE DEPOSITS)	2.0
				2.40			Very soft greyish brown sandy gravelly SILT. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
	2.50	PP	PP=0.00					
	2.50	PP	PP=0.00					
	2.50	PP	PP=0.00					
				2.80			(Loose) yellowish brown silty gravelly SAND. Gravel is sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	3.0
				3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.50m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. PP = Pocket Penetrometer measurement in kPa. 4. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-3.90m





Trial Pit Log

TrialPit No

TP09

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489713.66 - 99330.96
Level:

Date
3/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m):

Scale
1:25

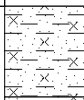
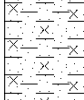
Client: Brookbanks / Hallam Land Management

Depth
3.90

0.90

2.50

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description						
	Depth	Type	Results										
				0.00			(Firm) dark brown silty slightly sandy CLAY. (TOPSOIL)						
				0.30			(Soft to firm) dark reddish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)						
				1.00			HVP		56		1.00-1.80m Becoming firm		
				1.00			HVP		56				
				1.00			HVP		56				
				1.80			HVP		124		1.80-2.30m Becoming stiff		
				1.80			HVP		124				
				1.80			HVP		130				
				2.30									
				2.50									
				3.60									
				3.65								HVP	102
				3.65								HVP	104
				3.65			HVP		106				
				3.90									
							End of Pit at 3.900m						

Remarks: 1. Groundwater encountered at 3.00m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
TP10
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489756.04 - 99298.21
Level:

Date
23/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

1.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	90					
	0.80	HVP	90					
	0.80	HVP	90					1.0
	1.20	D						
	1.50	HVP	20					
	1.50	HVP	20					1.5
	1.50	HVP	20					
	2.00	HVP	16	2.00				2.0
	2.00	HVP	16					
	2.00	HVP	16					
				2.60			(Loose) yellowish brown slightly clayey silty gravelly SAND. Gravel is medium sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
				4.00			End of Pit at 4.000m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.50m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.80-4.00m





Trial Pit Log

TrialPit No
TP11
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489721.29 - 99254.39
Level:

Date
25/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Depth
3.50

0.00

Scale
1:25

Logged
NN

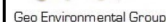
Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	56					1.0
	1.00	HVP	58					
	1.00	HVP	70					
							1.00-1.60m Becoming firm	
								1.5
	1.60	HVP	16					
	1.60	HVP	16					
	1.60	HVP	16					
							1.60-2.00m Becoming very soft	
				2.00			(Soft) yellowish brown and brown sandy clayey SILT. (RIVER TERRACE DEPOSITS)	2.0
				2.20			(Medium dense) yellow and yellowish brown silty SAND. (RIVER TERRACE DEPOSITS)	2.5
								3.0
				3.00			(Loose) yellow SAND & GRAVEL of fine sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	
				3.50			End of Pit at 3.50m	3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 2.20m as very slow flow and 2.5m as fast flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.80-3.50m





Trial Pit Log

TrialPit No

TP12

Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489739.04 - 99204.94
Level:

Date
25/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m):

Scale
1:25

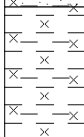
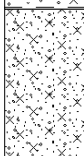
Client: Brookbanks / Hallam Land Management

Depth
4.00

0.90

2.50

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)		
				0.30			(Soft to firm) yellowish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5	
	0.80	HVP	44						
	0.80	HVP	44						
	0.80	HVP	44						
								1.0	
									
									
									
									
									
					1.50			Stiff brown slightly gravelly silty CLAY. (RIVER TERRACE DEPOSITS)	1.5
		1.60	HVP	84					
		1.60	HVP	84					
		1.60	HVP	84					
				2.00			(Loose to medium dense) yellowish brown and yellow very silty gravelly SAND. Gravel is fine sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.0	
								2.5	
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

Remarks: 1. Groundwater encountered at 2.00m as moderate inflow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.80-3.60m





Trial Pit Log

TrialPit No
TP13
Sheet 1 of 1

Project Name: Hook Lane, Pagham
Project No. GEG-19-623
Co-ords: 489676.75 - 99224.55
Level: 0.00
Date 25/10/2019

Location: Hook Lane, Pagham, PO21 3PD
Dimensions (m): 2.50
Client: Brookbanks / Hallam Land Management
Depth 4.00
Scale 1:25
Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.20	LB						1.0
	1.20	HVP	36					1.5
	1.20	HVP	36					2.0
	1.20	HVP	36					2.5
				1.80			(Soft) orangish brown and brown sandy gravelly SILT. Gravel is medium sub-rounded flint. (RIVER TERRACE DEPOSITS)	3.0
				2.20			(Loose to medium dense) yellowish brown very silty gravelly SAND. Gravel is fine sub-rounded flint. (RIVER TERRACE DEPOSITS)	3.5
								4.0
	3.90	HVP	58	3.90			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	4.5
	3.90	HVP	86	4.00			End of Pit at 4.000m	
	3.90	HVP	90					

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
TP15
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489634.39 - 99232.57
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Depth
3.90

0.00

Scale
1:25

Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Soft) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	76					1.0
	1.00	HVP	78				1.00-1.40m Becoming stiff	
	1.00	HVP	78					
	1.50	HVP	30				1.40-2.10m Becoming (soft)	1.5
	1.50	HVP	30					
	1.50	HVP	30					2.0
	2.20	HVP	64	2.10			Firm greenish grey and white very sandy clayey SILT. (RIVER TERRACE DEPOSITS)	2.5
	2.20	HVP	64					
	2.20	HVP	64					
				2.80			(Loose to medium dense) brown and greenish brown silty gravelly SAND. Gravel is medium sub-angular flint. (RIVER TERRACE DEPOSITS)	3.0
							3.00-3.60m Becoming grey	
				3.60			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
				3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.80-3.60m





Trial Pit Log

TrialPit No
TP16
Sheet 1 of 1

Project Name: Hook Lane, Pagham Project No. GEG-19-623 Co-ords: 489612.85 - 99191.05 Date 22/10/2019

Location: Hook Lane, Pagham, PO21 3PD Dimensions (m): 2.50 1.00
Client: Brookbanks / Hallam Land Management Depth 3.80
Scale 1:25
Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft to firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	36					
	0.80	HVP	36					
	0.80	HVP	42				0.80-1.50m Becoming soft	1.0
	1.50	HVP	50					
	1.50	HVP	50				1.50-2.00m Becoming firm	1.5
	1.50	HVP	50					
	2.30	HVP	50					2.0
	2.30	HVP	52				Firm greenish brown and white very sandy slightly gravelly silty CLAY with occasional boulder-sized pockets of coarse sand. Gravel is coarse sub-angular flint. (RIVER TERRACE DEPOSITS)	
	2.30	HVP	54					2.5
	3.20	HVP	142					3.0
	3.20	HVP	144				Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	
	3.20	HVP	144					3.5
				3.80			End of Pit at 3.800m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.50m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
TP17
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489662.43 - 99136.67
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m):
1.00 2.00
Depth 3.90

Scale
1:25
Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.50			(Firm) brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	102	1.00			0.80-1.00m Becoming stiff	
	0.80	HVP	104					
	0.80	HVP	104					
	1.00	HVP	30					
	1.00	HVP	32				Soft brown clayey SILT. (RIVER TERRACE DEPOSITS)	1.0
	1.00	HVP	32					1.5
				2.10			Stiff white and grey sandy silty CLAY with numerous boulder-sized lenses of white gravelly sand. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
	2.20	HVP	96					2.5
	2.20	HVP	96					
	2.20	HVP	96					
				2.80			(Loose to medium dense) white gravelly silty coarse SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	3.0
							3.00-3.90m Becoming (medium dense) and brown	
				3.90			End of Pit at 3.90m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.80m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.50m





Trial Pit Log

TrialPit No
TP18
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489693.00 - 99103.00
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.60

0.90

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			Very soft brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.50	HVP	16					
	0.50	HVP	16					
	0.50	HVP	16					
	0.90	HVP	76					
	0.90	HVP	76					
	0.90	HVP	76					
	1.60	HVP	56					
	1.60	HVP	56					
	1.60	HVP	56					
				1.50			Firm brown slightly gravelly clayey SILT. (RIVER TERRACE DEPOSITS)	1.5
				1.90			(Loose) white clayey gravelly medium SAND. Gravel is medium sub-angular flint, chalk and quartzite. (RIVER TERRACE DEPOSITS)	2.0
				3.60				3.5
							End of Pit at 3.60m	4.0
								4.5

Remarks: 1. Groundwater encountered at 1.80m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.50m. Collapsing to 2.50m at 3.50m





Trial Pit Log

TrialPit No
TP19
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489576.63 - 99143.85
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.50

2.50

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft to firm) brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	50				0.80-2.00m Becoming firm	
	0.80	HVP	50					1.0
	0.80	HVP	50					1.5
				2.00			(Soft) light brown, white and yellowish brown sandy gravelly SILT. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
				3.50			End of Pit at 3.500m	3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 2.00m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.00m, becoming very unstable from 2.00-3.50m





Trial Pit Log

TrialPit No
TP20
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489621.37 - 99030.71
Level:

Date
25/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Soft to firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	64				1.00-1.80m Becoming firm	1.0
	1.00	HVP	64					
	1.00	HVP	64					
	1.20	D						
				1.80			(Loose to medium dense) yellowish brown and white silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
							2.50-4.00m Becoming brown and grey	2.5
				4.00			End of Pit at 4.000m	4.0

Remarks: 1. Groundwater encountered at 1.80m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable below 1.80m





Trial Pit Log

TrialPit No
TP21
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489546.33 - 99075.71
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 3.00

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.90

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	D						
	1.00	HVP	76					
	1.00	HVP	76					1.0
	1.00	HVP	76					
				1.50				1.5
				1.80				2.0
								2.5
								3.0
	3.60	HVP	78	3.50			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	78					
	3.60	HVP	78	3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.40m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.40-3.50m





Trial Pit Log

TrialPit No
TP22
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489499.44 - 99123.46
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	36				0.90-2.00m Becoming soft	1.0
	1.00	HVP	36					
	1.50	HVP	36					1.5
	1.50	HVP	36					
	1.50	HVP	36					
				2.00			(Soft) yellowish brown sandy SILT. (RIVER TERRACE DEPOSITS)	2.0
				2.50			(Loose to medium dense) yellowish brown and white silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.5
							2.80-3.60m Becoming brown	3.0
				3.60			(Firm to stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
				4.00			End of Pit at 4.000m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.40m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.60m





Trial Pit Log

TrialPit No
TP23
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489526.07 - 99190.49
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00
Depth 4.00

Scale
1:25
Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	1.00	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
								1.0
								1.5
				2.20			(Firm) greyish brown sandy gravelly silty CLAY. Gravel is medium sub-angular flint. (RIVER TERRACE DEPOSITS)	2.0
								2.5
				2.90			(Loose to medium dense) white and brown gravelly coarse SAND. Gravel is fine angular flint and occasional chalk. (RIVER TERRACE DEPOSITS)	3.0
								3.5
				3.70			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	4.0
				4.00			End of Pit at 4.00m	4.5

Remarks: 1. Groundwater encountered at 2.80m as slow flow. 2. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.60m





Trial Pit Log

TrialPit No
TP24
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489577.47 - 99178.89 Level:	Date 22/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.50 Depth 4.00	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft) brown slightly sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	D						1.0
	1.00	HVP	16				1.00-1.50m Becoming very soft	
	1.00	HVP	16					1.5
	1.00	HVP	16				1.50-1.80m Becoming (firm)	
	1.80	HVP	116				1.80-2.00m Becoming stiff	2.0
	1.80	HVP	116					2.5
	1.80	HVP	116					3.0
	2.10	HVP	110	2.00			Stiff greyish brown sandy gravelly silty CLAY. Gravel is coarse sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	3.5
	2.10	HVP	110					4.0
	2.10	HVP	110					4.5
				2.60			(Loose to medium dense) grey and brown silty low cobble content coarse SAND. Cobbles are sub-angular flint. (RIVER TERRACE DEPOSITS)	
				3.60			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	
	3.70	HVP	130					
	3.70	HVP	130					
	3.70	HVP	130	4.00			End of Pit at 4.000m	

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.20m





Trial Pit Log

TrialPit No
TP25
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489555.93 - 99224.79
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00
Depth 3.90

Scale
1:25
Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			Firm brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	56					1.0
	1.00	HVP	56					
	1.00	HVP	56					1.5
				1.80			Firm yellowish brown and white sandy slightly gravelly silty CLAY. Gravel is medium sub-angular flint. (RIVER TERRACE DEPOSITS)	2.0
	2.00	HVP	58					2.5
	2.00	HVP	62					
	2.00	HVP	76					3.0
				3.00			2.80-3.00m With occasional boulder-sized pockets of silt and sand	
				3.40			(Loose to medium dense) brown clayey silty gravelly SAND. Gravel is medium sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	3.5
	3.50	HVP	130				Stiff greyish brown silty CLAY. (LONDON CLAY FORMATION)	
	3.50	HVP	130					4.0
	3.50	HVP	130					4.5
				3.90			End of Pit at 3.900m	

Remarks: 1. Groundwater encountered at 2.50m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Sides Stable





Trial Pit Log

TrialPit No
TP26
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489516.64 - 99232.35
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.80

Depth
3.90

1.20

Scale
1:25

Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			Firm brown slightly gravelly silty CLAY. Gravel is fine sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	48					
	0.80	HVP	50					
	0.80	HVP	50					1.0
	1.00	B						
				1.40			(Loose to medium dense) orangish brown and grey clayey gravelly medium SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	1.5
							2.10-3.10m With occasional boulder-sized pockets of clay and medium cobble content of sub-angular flint.	2.0
								2.5
								3.0
	3.40	HVP	150	3.10			(Stiff) greyish brown CLAY. (LONDON CLAY FORMATION)	
	3.40	HVP	150				3.40-3.60m Becoming stiff to very stiff	3.5
	3.40	HVP	150	3.60			(Stiff) dark grey CLAY. (LONDON CLAY FORMATION)	
				3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. Groundwater encountered at 1.60m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.60-3.10m





Trial Pit Log

Trial Pit No
TP27
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489558.06 - 99309.74
Level:

Date
22/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.80

Depth
4.00

1.00

Scale
1:25

Logged
NN

Client: Brookbanks / Hallam Land Management

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown slightly gravelly silty CLAY. Gravel is fine sub-rounded quartzite. (RIVER TERRACE DEPOSITS)	0.5
	1.00	D						1.0
	1.00	HVP	90				1.00-1.80m Becoming stiff	
	1.00	HVP	90					1.5
	1.00	HVP	90					
	1.85	HVP	64	1.80			Firm brown, white and yellowish brown sandy slightly gravelly silty CLAY. Gravel is medium sub-rounded quartzite and flint. (RIVER TERRACE DEPOSITS)	2.0
	1.85	HVP	64				(Loose) yellowish brown and white clayey silty gravelly SAND with occasional cobble-sized pockets of (soft) clay. Gravel is medium sub-rounded quartzite. (RIVER TERRACE DEPOSITS)	2.5
	1.85	HVP	70	2.00				3.0
	3.20	HVP	90	3.20			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.20	HVP	90					
	3.20	HVP	90					
				3.80			(Stiff) dark grey CLAY. (LONDON CLAY FORMATION)	4.0
				4.00			End of Pit at 4.000m	4.5

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-3.20m





Trial Pit Log

TrialPit No
TP28
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489568.72 - 99278.44 Level:	Date 22/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.50 Depth 4.00	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft to firm) orangish brown slightly gravelly silty CLAY. Gravel is fine sub-angular quartzite and flint. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	16				1.00-1.60m Becoming soft	1.0
	1.00	HVP	24					
	1.00	HVP	30					
				1.60			(Loose) greenish grey clayey silty slightly gravelly medium SAND. Gravel is medium sub-angular flint. (RIVER TERRACE DEPOSITS)	2.0
				2.40			(Medium dense) dark brown very clayey silty gravelly medium SAND. Gravel is medium sub-angular flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
	3.60	HVP	110	3.50			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	110	3.70			Stiff dark brown CLAY. (LONDON CLAY FORMATION)	
	3.60	HVP	110	4.00			End of Pit at 4.000m	4.0

Remarks: 1. Groundwater encountered at 1.60m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 1.60-2.40m





Trial Pit Log

TrialPit No
TP29
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489559.58 - 99349.87 Level:	Date 22/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): Depth 3.60	Scale 1:25 Logged NN
Client: Brookbanks / Hallam Land Management			

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.00			(Soft) brown slightly gravelly silty CLAY. Gravel is fine sub-angular quartzite and flint. (TOPSOIL)	
				0.40			(Soft to firm) orangish brown sandy silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	36					
	0.80	HVP	36					
	0.80	HVP	38					
							0.80-1.50m Becoming soft	
	1.50	HVP	16					
	1.50	HVP	16					
	1.50	HVP	16					
							1.50-2.40m Becoming very soft	
								1.0
								1.5
								2.0
				2.40			(Soft) brown, white and yellowish brown sandy slightly gravelly low cobble content silty CLAY with occasional boulder sized pockets of sand and cobbles. Gravel and cobbles are medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	2.5
	2.80	HVP	130				Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	
	2.80	HVP	130					
	2.80	HVP	130					
				3.00			Stiff dark grey CLAY. (LONDON CLAY FORMATION)	3.0
	3.20	HVP	110					
	3.20	HVP	110					
	3.20	HVP	110					
				3.60			End of Pit at 3.600m	3.5
								4.0
								4.5

Remarks: 1. Groundwater encountered at 2.40m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement.
3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-2.60m





Trial Pit Log

TrialPit No
TP30
Sheet 1 of 1

Project Name: Hook Lane, Pagham
Project No. GEG-19-623
Co-ords: 489505.01 - 99016.90
Level: 0.00
Date 24/10/2019

Location: Hook Lane, Pagham, PO21 3PD
Dimensions (m): 2.50
Scale 1:25
Client: Brookbanks / Hallam Land Management
Depth 4.00
Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D		0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
							0.80-1.80m Becoming (soft)	
	1.00	D						1.0
	1.20	B						1.5
				1.80			(Loose to medium dense) white and yellowish brown silty gravelly medium SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
							2.50-3.50m Becoming brown	2.5
								3.0
	3.60	HVP	76	3.50			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	76					4.0
	3.60	HVP	76	4.00			End of Pit at 4.000m	4.5

Remarks: 1. Groundwater encountered at 2.00m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-2.50m





Trial Pit Log

TrialPit No
TP31
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489481.43 - 99074.66
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	16					
	0.80	HVP	20					
	0.80	HVP	24				0.80-1.60m Becoming very soft to soft	1.0
	1.50	HVP	36					1.5
	1.50	HVP	36					
	1.50	HVP	36	1.60			(Loose to medium dense) white silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
							2.00-3.40m Becoming orangish brown and brown	2.5
								3.0
	3.50	HVP	84	3.40			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.50	HVP	84					
	3.50	HVP	84					
				4.00			End of Pit at 4.000m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.00m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-3.40m





Trial Pit Log

TrialPit No
TP32
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489449.73 - 99111.01
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.90

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.45			(Soft to firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	72					
	0.80	HVP	76					
	0.80	HVP	76				0.80-1.10m Becoming firm	
	1.10	HVP	30					1.0
	1.10	HVP	32				1.10-1.50m Becoming soft	
	1.10	HVP	36					
	1.40	HVP	36					1.5
	1.40	HVP	36					
	1.40	HVP	36					
				1.50			(Loose to medium dense) yellowish brown and brown very silty gravelly SAND. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	2.0
				2.30			(Loose to medium dense) dark brown medium silty gravelly SAND. Gravel is medium sub-rounded flint. (RIVER TERRACE DEPOSITS)	2.5
							2.50-3.50m Becoming (loose)	
				3.50			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.60	HVP	76					
	3.60	HVP	76					
	3.60	HVP	76					
				3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.60m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.50-3.50m





Trial Pit Log

TrialPit No
TP34
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489571.53 - 98977.81
Level:

Date
25/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.00

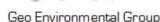
Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
							0.70-1.30m Becoming soft	
	1.00	HVP	30					1.0
	1.00	HVP	30					
	1.00	HVP	30					
				1.30			Very soft grey and brown sandy clayey SILT. (RIVER TERRACE DEPOSITS)	1.5
	1.50	HVP	10					
	1.50	HVP	10					
	1.50	HVP	10					
				2.00			(Loose to medium dense) white and grey silty gravelly SAND. Gravel is medium sub-angular chalk and flint. (RIVER TERRACE DEPOSITS)	2.0
								2.5
								3.0
				3.40			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.5
	3.50	HVP	90					
	3.50	HVP	90					
	3.50	HVP	90					
				4.00			End of Pit at 4.00m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.00m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.60m





TrialPit No
TP35
Sheet 1 of 1

Date
24/10/2019

Logged
NN



Trial Pit Log

TrialPit No
TP36
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489469.00 - 98980.00
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.50

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
4.00

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Soft) yellowish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	1.00	HVP	54					1.0
	1.00	HVP	54					
	1.00	HVP	54					
								1.5
				1.80				2.0
				2.30				2.5
	2.50	HVP	58					3.0
	2.50	HVP	58					
	2.50	HVP	58					
	2.90	HVP	44					3.5
	2.90	HVP	44					
	2.90	HVP	50					
	3.20	HVP	44					4.0
	3.20	HVP	44					
	3.20	HVP	44					
	3.60	HVP	110	3.60			Stiff dark brown CLAY. (LONDON CLAY FORMATION)	
	3.60	HVP	110					
	3.60	HVP	110					
				4.00			End of Pit at 4.00m	4.5

Remarks: 1. Groundwater encountered at 2.00m as moderate flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00-3.00m





Trial Pit Log

TrialPit No
TP37
Sheet 1 of 1

Project Name: Hook Lane, Pagham

Project No.
GEG-19-623

Co-ords: 489437.00 - 99045.00
Level:

Date
24/10/2019

Location: Hook Lane, Pagham, PO21 3PD

Dimensions (m): 2.00

Scale
1:25

Client: Brookbanks / Hallam Land Management

Depth
3.90

0.00

Logged
NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.30			(Firm) orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	24					
	0.80	HVP	36					
	0.80	HVP	36					
							0.80-1.20m Becoming soft	
								1.0
				1.20			(Very soft) white and yellowish brown sandy slightly gravelly slightly clayey SILT. Gravel is fine sub-angular flint and chalk. (RIVER TERRACE DEPOSITS)	1.5
	2.10	HVP	56					
	2.10	HVP	56					
	2.10	HVP	56					
	2.50	HVP	62					
	2.50	HVP	62					
	2.50	HVP	62					
	3.00	HVP	84					
	3.00	HVP	84					
	3.00	HVP	84					
				3.00			Stiff greyish brown CLAY. (LONDON CLAY FORMATION)	3.0
								3.5
								4.0
				3.90			End of Pit at 3.900m	4.0
								4.5

Remarks: 1. Groundwater encountered at 2.00m as slow flow. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00m





Trial Pit Log

TrialPit No
TP38
Sheet 1 of 1

Project Name: Hook Lane, Pagham	Project No. GEG-19-623	Co-ords: 489401.64 - 99009.31 Level:	Date 24/10/2019
Location: Hook Lane, Pagham, PO21 3PD		Dimensions (m): 2.00 Depth 3.80	Scale 1:25
Client: Brookbanks / Hallam Land Management			Logged NN

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.00			(Firm) dark brown slightly sandy silty CLAY. (TOPSOIL)	
				0.40			Firm orangish brown silty CLAY. (RIVER TERRACE DEPOSITS)	0.5
	0.80	HVP	44					
	0.80	HVP	44					
	0.80	HVP	44					1.0
				1.20			(Medium dense) brownish grey silty slightly gravelly SAND. Gravel is medium sub-rounded flint and quartzite. (RIVER TERRACE DEPOSITS)	1.5
	1.70	HVP	64	1.60			Firm greyish brown silty CLAY. (LONDON CLAY FORMATION)	2.0
	1.70	HVP	64					
	1.70	HVP	64					
	1.80	LB						
	2.50	HVP	80				2.50-3.00m Becoming stiff	2.5
	2.50	HVP	84					
	2.50	HVP	84					
	3.00	HVP	124	3.00			Stiff dark brown CLAY. (LONDON CLAY FORMATION)	3.0
	3.00	HVP	124					3.5
	3.00	HVP	124					
				3.80			End of Pit at 3.800m	4.0
								4.5

Remarks: 1. No groundwater encountered. 2. HVP=Uncorrected Hand Vane Measurement. 3. Upon completion trial pit backfilled with arisings.

Stability: Unstable from 2.00m

