Trial Pit No. **Soils Limited Trial Pit Log** SA1 Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Client: Foreman Homes Trial Pit Length: Trial Pit Width: Logged By Dates: 31/01/2017 Level: Co-ords: Samples & In Situ Testing Water Strike Depth Level Legend Stratum Description (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL 0.15 J+D 0.30 Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE DEPOSITS D 0.50 1.00 1.50 - 2 2.00 D

2.80		White and brown structureless CHALK recovered as gravel to cobble sized flint, LEWES NODULAR CHALK FORMATION	3
3.20	1 1	End of Dit at 3 20m	F
			4
		Sample Type	
		D: Disturbed B: Bulk J: Jar Wt Water	
			3.20 Willie and Drivin Studiness S. PALK recovered as gravet to cobble sized flint. LEWES NODULAR CHALK FORMATION End of Pit at 3.20m Sample Type

Trial Pit No. **Soils Limited Trial Pit Log** SA2 Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Client: Foreman Homes Trial Pit Length: Trial Pit Width: Logged By Level: Dates: 31/01/2017 Co-ords: Water Strike Samples & In Situ Testing Level Depth Legend Stratum Description (m) (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL 0.20 J+D 0.30 Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE **DEPOSITS** 0.80 D 1.10 1.50 D 1.50 End of Pit at 1.50m 2 3

General Remarks:

Sample Type

D: Disturbed
B: Bulk
J: Jar

Groundwater Remarks:

W: Water

5

Trial Pit No. **Soils Limited Trial Pit Log** SA3 Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Client: Trial Pit Length: Trial Pit Width: Foreman Homes Logged By Dates: 31/01/2017 Level: Co-ords: Samples & In Situ Testing Water Strike Depth Level Legend Stratum Description (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL J+D 0.20 0.30 Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE 0.40 D **DEPOSITS** 1.20 1.70 1.70 D Soft orange brown silty CLAY with weathered chalk recovering as matrix dominated with fine clasts. RIVER TERRACE DEPOSITS

3.00	D	3.00		Off white to white weathered CHALK recovered as fine to coarse gravel sixed chalk and flint fragments within a comminuted clay/silt matrix. LEWES NODULAR CHALK FORMATION End of Pit at 3.00m	3
					- - - - - 5
al Remarks: dwater Remarks:			1	Sample Type D: Disturbed B: Bulk J: Jar W: Water	

Trial Pit No. **Soils Limited Trial Pit Log** SA4 Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Client: Foreman Homes Trial Pit Length: Trial Pit Width: Logged By Level: Dates: 31/01/2017 Co-ords: Samples & In Situ Testing Water Strike Level Depth Legend Stratum Description (m) (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL 0.20 J+D 0.30 Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE **DEPOSITS** 0.50 D 1.00 1.50 D 1.50 End of Pit at 1.50m 2

3

5

General Remarks:

Sample Type

D: Disturbed
B: Bulk
J: Jar

W: Water

Trial Pit No. **Soils Limited Trial Pit Log** Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk SA5 Sheet 1 of 1 Method: Hole Type Project No.: 16020 Project Name: Land at Romsey Avenue, Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Trial Pit Length: Trial Pit Width: Client: Foreman Homes Logged By Dates: 31/01/2017 Level: Co-ords: Water Strike Samples & In Situ Testing Depth Level Stratum Description Legend (m) (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL 0.20 J+D 0.30 Soft to firm orange brown silty gravelly CLAY. Rare gravels of

	0.50	D			Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE DEPOSITS	
	1.10	D				1
	1.80	D		1.80	Light brownish white to white weathered CHALK recovered as fine to coarse gravel sixed chalk and flint fragments within a comminuted clay/silt matrix. LEWES NODULAR CHALK FORMATION	
	2.20	D			FORMATION 2	2
	2.20					
	3.00	D		3.00	End of Pit at 3.00m	3
						4
					- 5	5
Genera	I al Remarks:	<u> </u>	1		Sample Type	\dashv
					D: Disturbed B: Bulk	

B: Bulk J: Jar W: Water Groundwater Remarks:

Trial Pit No. **Soils Limited Trial Pit Log** Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk TP1 Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Support: Scale 1:25 Trial Pit Length: Client: Foreman Homes Trial Pit Width: Logged By Dates: 31/01/2017 Level: Co-ords: Water Strike Samples & In Situ Testing Depth Level Stratum Description Legend (m) (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL 0.20 J+D 0.35 Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE

0.50	D		medium to coarse flints. Rare cobbles of flint. RIVER TERRACE DEPOSITS	-
1.10	D			- 1 - 1
1.50	D			-
1.80	D	1.80	Off white to white weathered CHALK recovered as fine to coarse gravel sixed chalk and flint fragments within a comminuted clay/silt matrix. Structureless Grade Dm. LEWES NODULAR CHALK FORMATION	- 2
2.40	D			
3.00	D	3.00	End of Pit at 3.00m	- = 3
				4
				-
				- 5
Name and Description				
General Remarks:			Sample Type	
			D: Disturbed B: Bulk	

J: Jar W: Water Groundwater Remarks:

Trial Pit No. **Soils Limited Trial Pit Log** Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk TP4 Sheet 1 of 1 Method: Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Plant: TP Location: Fareham, Hampshire, PO16 9TA Scale Support: 1:25 Trial Pit Length: Trial Pit Width: Client: Foreman Homes Logged By Dates: 31/01/2017 Level: Co-ords: Water Strike Samples & In Situ Testing Depth Level Stratum Description Legend (m) (m) Depth Type Results Light brown slightly silty CLAY with gravels of angular medium to coarse flints. TOPSOIL

0.20	J+D		coarse flints. TOPSOIL
0.20	1.0	0.30	Soft to firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE
0.50	D		medium to coarse flints. Rare cobbles of flint. RIVER TERRACE DEPOSITS
1.00	D	1.00	Firm orange brown silty gravelly CLAY. Rare gravels of medium to coarse flints. Rare cobbles of flint. RIVER TERRACE DEPOSITS
1.50	D		
1.80	D	1.80	Soft orange brown silty CLAY with weathered chalk recovering as matrix dominated with fine clasts. RIVER TERRACE DEPOSITS
			matrix dominated with fine clasts. RIVER TERRACE DEPOSITS
2.40	D		
3,00	D	3.00	Off white to white weathered CHALK recovered as fine to coarse gravel sixed chalk and flint fragments within a comminuted clay/silt matrix. LEWES NODULAR CHALK FORMATION
			THATIAL ELVES NODULAR CHARRY OR WATTON
3.40	D	3.40	End of Pit at 3.40m
			- 5
eral Remarks:			Sample Type
			D: Disturbed B: Bulk

B: Bulk J: Jar W: Water Groundwater Remarks:



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Borehole Log

Borehole No. **WS1**

Sheet 1 of 1

1:50

Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Co-ords: WS Scale Location: Fareham, Hampshire, PO16 9TA Level:

Logged By 31/01/2017

Client:		Foreman Hom	ies					Dates: 31/01/2017	y
Well	Water			n Situ Testing	Depth	Level	Legend		
N 1 10 10	Strikes	Depth (m)	Туре	Results	(m)	(m AOD)	209011	Grass over soft dark brown gravelly silty CLAY. Gravel is fine to	
		0.20	J+D					coarse angular to sub-rounded flint. Abundance of fine roots and rootlets becoming frequent at 0.10. Roots to 2.20m bgl.	-
		0.60	J+D		0.55		×	Firm to stiff dark to light orangish brown gravelly silty CLAY. Gravel is fine to coarse angular to sub-rounded flint and chalk. Occasional fine rootlets becoming rare at 0.90 to 2.20. RIVER TERRACE DEPOSITS	F
		0.90	J+D				<u> </u>	rootlets becoming rare at 0.90 to 2.20. RIVER TERRACE DEPOSITS	- 1
		1.30	D		1.50		× × ×	Off white to bright white structureless CHALK recovered as fine to	Ė
		1.80	D					medium intact blocks in a silty clayey matrix. Occasion fine to coarse angular to sub-angular flints. LEWES NODULAR CHALK FORMATION	- 2
		2.30	D						-
		2.80	D						- 3
		3.30	D						-
		3.80	D						- - - 4
		4.30	D						
		4.80	D		5.00			End of Borehole at 5.00m	- - - 5
								LIN OF BOTELOG & C. S. SOTT	
									-
									- 6 - -
									-
									- 7 -
									[
									- - - 8
									- - - 9
									-
									- 1
Seneral	Remar	ks:						Borehole Type Sample Types CP: Cable Percussive D: Disturbed	

No roots observed. No groundwater encountered.

CP: Cable Percussive WS: Windowless Sampler RC: Rotary Cored

D: Disturbed
B: Bulk
J: Jar
W: Water
U: Undisturbed

In-Situ Testing U: Undisturbed SPT: Split spoon - Standard Penetration Test CPT: Cone - Standard Penetration Test

Groundwater Remarks:



Newton House, Cross Road, Tadworth KT20 5SR Tel: 01737 814221 Email: admin@soilslimited.co.uk

Borehole Log

Borehole No. WS2

Project Name: Land at Romsey Avenue,

Project No.: 16020

Co-ords:

Sheet 1 of 1

Hole Type
WS

Location: Fareham, Hampshire, PO16 9TA Level: Scale
1:50

Client: Foreman Homes Dates: 09/02/2017 Logged By

Client:		Foreman Homes						Dates: 09/02/2017 TR			
10.11	Water	Samp	le and I	n Situ Testing	Depth	Level	l. '	<u>'</u>			
Well	Strikes	Depth (m)	Туре	Results	(m)	(m AOD)	Legend	· ·			
								Turf over dark brown slightly gravelly SILT. Gravel is fine sub-angular flint. Common rootlets. TOPSOIL.	-		
					0.30		X//XX//	Soft dark brown slightly gravelly dayey SILT. Gravel is fine to medium	_		
		0.50	D				X X X X	sub-angular clasts of chalk and flint and rare fine brick and ash. Occasional rootlets. RIVER TERRACE DEPOSITS	-		
							(Percentage clay increases with depth	ţ		
		0.90	D				(× × × × × × × × × × × × × × × × × × ×		- 1		
					1.10			Yellowish white weathered structureless CHALK recovered as fine gravel sized fragments of intact chalk within silty calcareous matrix.	7		
		1.50	D					Common angular to sub-angular fine to coarse gravel sized and	E		
		1.50						cobble sized flint. LEWES NODULAR CHALK FORMATION	-		
									ţ		
									- 2 -		
		2.20	D					·	F		
									F		
					2.80						
		2.90	D		2.00			Off white weathered structureless CHALK recovered as fine to medium occasionally coarse gravel sized fragments of intact chalk	- 3		
								within a clayey comminuted calcareous matrix. Occasional sub- angular fine to coarse gravel sized clasts of flint. Grade Dm. LEWES	ļ ·		
		3.30	D					NODULAR CHALK FORMATION	F		
									E		
		3.80	D						E		
					4.00			End of Borehole at 4.00m	 4		
									-		
									-		
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									- 5		
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	Daman	<u> </u>	i		l		<u> </u>	Borehole Type Sample Types			

General Remarks:

Roots to 1.1m. No groundwater encountered.

Borehole Type
CP: Cable Percussive
WS: Windowless Sampler
RC: Rotary Cored

Sample Types
D: Disturbed
B: Bulk
J: Jar
W: Water
U: Undisturbed

Groundwater Remarks:

In-Situ Testing U: Undisturbed SPT: Split spoon - Standard Penetration Test CPT: Cone - Standard Penetration Test



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Borehole Log

Borehole No. WS3

Project Name: Land at Romsey Avenue,

Project No.: 16020

Co-ords:

Sheet 1 of 1

Hole Type
WS

Location: Fareham, Hampshire, PO16 9TA Level: Scale 1:50

Client: Foreman Homes Dates: 09/02/2017 Logged By

Client:		Foreman Hom	ies					Dates: 09/02/2017 TR			
Well	Water	Sampl	e and I	n Situ Testing	Depth	Level	Legend	d Stratum Description			
VVCII	Strikes	Depth (m)	Туре	Results	(m)	(m AOD)	Legend				
		0.50	D		0.20			Turf over dark brown dayey SILT. TOPSOIL Soft dark brown slightly gravelly dayey SILT. Gravel is occasional coarse sub-angular flint. Occasional rootlets. RIVER TERRACE DEPOSITS			
		0.90	D		1.20		× × × × × × > (× × ×		1		
		1.30	D		1.20		×	Stiff dark orangish brown gravelly silty CLAY. Gravel is fine to coarse angular to sub-angular flint. RIVER TERRACE DEPOSITS	-		
		1.80	D		2.30		×		2		
		2.50	D		2.00		× · · · · · · · · · · · · · · · · · · ·	Stiff light yellowish grey gravelly silty calcareous CLAY. Gravel is fine to coarse angular to sub-angular flint and fine chalk. RIVER TERRACE DEPOSITS	- 3		
		3.20	D				×		- - - - - -		
		3.90	D		3.80 4.00		1 11	Off white weathered structureless CHALK recovered as fine to medium gravel sized fragments of intact chalk within a clayey comminuted calcareous matrix. Occasional fine to medium gravel sized sub-angular to rounded flint. LEWES NODULAR CHALK FORMATION	4		
								End of Borehole at 4,00m	- - - - - 5		
									- - - - -		
									- 6 - -		
									- - - 7 - - -		
									- - - - 8 -		
									- - - -		
									- 9 - - -		
									- - - - - 10		
	Daman										

General Remarks:

Roots to 1.2m. No groundwater encountered.

Borehole Type
CP: Cable Percussive
WS: Windowless Sampler
RC: Rotary Cored

Sample Types
D: Disturbed
B: Bulk
J: Jar
W: Water
U: Undisturbed

Groundwater Remarks:

In-Situ Testing U: Undisturbed SPT: Split spoon - Standard Penetration Test CPT: Cone - Standard Penetration Test



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Borehole Log

Borehole No. **WS4**

Sheet 1 of 1

Project Name: Land at Romsey Avenue, Project No.: 16020

Co-ords:

Hole Type WS

Location: Fareham, Hampshire, PO16 9TA

Scale Level: 1:50

Client:		Foreman Hom	nes					Dates: 31/01/2017	Logged B AP	Ву
Well	Water Strikes		1	n Situ Testing	Depth	Level (m AOD)	Legend	Stratum Description		
77.1 D.C	Strikes	Depth (m)	Туре	Results	(m)	(III AOD)	\(\(\)\(\)	Grass over soft dark brown slightly gravelly silty CLAY	'. Gravel is fine	
		0.20	J+D		0.50			to coarse angular to sub-rounded flint. Abundance of tootlets becoming frequent at 0.20. TOPSOIL. Roots to 1.00m bgl.	fine roots and	-
		0.60	J+D		0.50		$\times \times \times \times$	Firm to stiff dark to light orangish brown gravelly silty fine to coarse angular to sub-rounded flint and chalk.	CLAY. Gravel is Very rare fine	-
		0.90	J+D				× × × > × × × >	rootlets to 1.00. RIVER TERRACE DEPOSITS		- 1
		1.30	D				(× × ×) (× × ×) (× × ×)			
		1.80	D				X X X X X X X X X X X X X X X X X X X			- 2
		2.30	D		2.60		X X X X (X X X X X X X X			
		2.80	D					as fine intact blocks in a clayey silty matrix. Occasiona angular flint. LEWES NODULAR CHALK FORMATION	al fine to coarse	- 3
		3.30	D							-
		3.80	D		3.70			Off white to bright white structureless CHALK recover coarse intact blocks in a silty clayey matrix. Occasion angular to sub-angular flints. LEWES NODULAR CHAFORMATION	fine to coarse	-4
		4.30	D					T		-
		4.80	D		5.00			End of Borehole at 5.00m		5
										-
										6
										- - - 7 -
										- - - - - 8
										°
										- 9
										-
										- 10
	Daman	<u> </u>			1	l	<u> </u>	Borehole Type	Sample Types	

General Remarks:

No roots observed. No groundwater encountered.

Borehole Type
CP: Cable Percussive
WS: Windowless Sampler
RC: Rotary Cored

Sample Types
D: Disturbed
B: Bulk
J: Jar
W: Water
U: Undisturbed

In-Situ Testing

SPT: Split spoon - Standard Penetration Test
CPT: Cone - Standard Penetration Test

Groundwater Remarks:



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Borehole Log

Borehole No. **WS5**

Sheet 1 of 1

Hole Type Project Name: Land at Romsey Avenue, Project No.: 16020 Co-ords: WS Scale Fareham, Hampshire, PO16 9TA Location: Level:

1:50 Logged By

ient:		Foreman Hom	nes					Dates: 31/01/2017	Logged I AP	Ву
Vell	Water Strikes			n Situ Testing	Depth (m)	Level (m AOD)	Legend	Stratum Description	•	
73.4	Suikes	Depth (m)	Туре	Results	(111)	(III AOD)		Soft dark brown slightly gravelly silty CLAY. Gravel is	fine to cobble	+
		0.20	J+D					sized sub-rounded flint. Frequent fine roots and rootl RIVER TERRACE DEPOSITS Roots to 0.60m bgl.	ets. TOPSOIL.	ŧ
		0.50	J+D		0.60			Brownish white highly weathered and structureless C	HAI K recovered	4
		0.90	J+D					as fine intact blocks in a clayey silty matrix. Occasior angular flint. LEWES NODULAR CHALK FORMATIO	nal fine to coarse	Ė
					1.15			4		_
-		1.40	D					Off white to bright white structureless CHALK recove coarse intact blocks in a silty clayey matrix. A chalk of Occasional fine to coarse angular to sub-angular flin	obble at 2.90.	-
								NODULAR CHALK FORMATION	S. ELVVEO	ŀ
		2.00	D							ŀ
		2.00								ŀ
		2.40	D							Ī
								- -		ŀ
		2.90	D							ŀ
										ŀ
		3.50	D					-		-
										į
		4.50						-		
		4.50	D					- -		
					5.00					-
								End of Borehole at 5.00m		Ė
										ŀ
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No roots observed. No groundwater encountered.

CP: Cable Percussive WS: Windowless Sampler RC: Rotary Cored

D: Disturbed
B: Bulk
J: Jar
W: Water
U: Undisturbed

In-Situ Testing U: Undisturbed SPT: Split spoon - Standard Penetration Test CPT: Cone - Standard Penetration Test

Groundwater Remarks: