

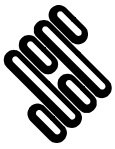
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Borehole: BH8	
Contract Ref: 722048		Start: 04.08.08 End: 04.08.08	Ground Level (m): 31.99	National Grid Co-ordinate: E:390481.6 N:221447.9	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.30	1	B				Grass over MADE GROUND: Brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine to medium subangular to subrounded brick and charcoal.	0.30	
0.30-0.80	2	B				MADE GROUND: Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular brick and charcoal.	(0.50) 0.80	
1.10	3	D				Firm grey mottled brown slightly sandy CLAY. (Charmouth Mudstone Formation)	1.20	
1.50	4	U	15 blows			Firm grey CLAY with occasional thin laminations of grey fine grained sand. (Charmouth Mudstone Formation)	(0.80)	
1.80	5	D					2.00	
2.00-2.45	1	SPT	N=8			Firm to stiff dark grey slightly sandy CLAY with frequent gypsum crystals (1mm to 5mm) and occasional pockets of orange sandy silt. (Charmouth Mudstone Formation)	(1.60)	
2.70	7	D					3.60	
3.00	8	U	25 blows				4.00	
3.60	9	D				Stiff to very stiff dark grey thinly laminated slightly sandy CLAY. (Charmouth Mudstone Formation)	(1.15)	
4.00-4.43	2	SPT	N=55*			Very weak dark grey MUDSTONE. (Charmouth Mudstone Formation) ... fine shell fragments at 4.00m depth.	5.15	
4.70	11	D						
5.00-5.15	3	SPT _(NR)	N=200*					
5.00	12	D						

STRUCTURAL_SOILS_GINT_LIBRARY_GLIBCABLE_PERCUSSION_LOG_722048_GROVEFIELD_WAY_CHELtenham.GPJ - v8_02 | 14/07/14 - 12:18
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Boring Progress and Water Observations						Chiselling			General Remarks	
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)		
04/08/08	17:00	5.15	1.60	150	Dry	4.50	5.00	01:00	1. No groundwater encountered. 2. Single standpipe installed on completion.	
All dimensions in metres								Scale:	1:50	
Method Used:		Plant Used:		Drilled By:		Logged By:		Checked By:		
Cable percussion		Dando 2000		RS		MBaker		SP		





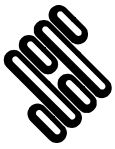
STANDARD PENETRATION TEST SUMMARY TABLE

Contract: Grovefield Way, Cheltenham					Client: H N Bailey, J A Bailey and C H Harvey					Job No: 722048
Exploratory Position ID	Depth (m)	Hole Dia (mm)	Casing Depth (m)	Water Depth (m)	Seating Drive		Test Drive			Comments
					Blows	Pen (mm)	Blows	R (mm)	Result	
BH1	1.20				2,2	150	2,3,1,1		N=7	
	3.00				5,5	150	6,7,8,8		N=29	
	4.00				5,6	150	8,8,10,12		N=38	
	5.00				6,8	150	8,11,14,17		N=50	
	6.00				6,9	150	11,17,22	225	N=67*	
	7.50				25	75	27,23+	125	N=120*	
BH2	2.00				3,3	150	4,5,5,6		N=20	
	3.00				3,4	150	4,6,8,9		N=27	
	5.00				3,6	150	9,10,12,13		N=44	
	7.50				6,11	150	15,15,20	225	N=67*	
	9.00				8,14	150	19,24,7+	160	N=94*	
	11.70				25	50	50+	45	N=333*	
BH3	1.20				1,1	150	2,2,3,1		N=8	
	3.00				4,5	150	6,6,8,9		N=29	
	5.00				7,7	150	10,11,11,15		N=47	
	6.00				4,4	150	9,11,12,16		N=48	
	7.50				15,10	125	19,20,11+	190	N=79*	
	9.00				15,10	115	30,20+	95	N=158*	
	10.00				25	75	50	75	N=200*	
BH4	2.00				1,2	150	3,4,4,4		N=15	
	4.00				3,5	150	6,8,9,10		N=33	
	6.00				8,17	150	18,19,13+	165	N=91*	
	8.30				25	60	50+	50	N=300*	
BH5	1.20				2,1	150	1,2,2,1		N=6	
	3.00				4,3	150	5,7,9,11		N=32	
	5.00				6,8	150	11,19,20+	210	N=71*	
	6.00				9,12	150	14,16,20	225	N=67*	
	7.50				7,8	150	10,19,21+	210	N=71*	

Notes:

1. Tests carried out in accordance with BS1377: Part 9: 1990: 3.3.
2. Reported blows are for 75mm penetration unless indicated "+".
3. Where full test drive was not achieved, actual penetration (R) and extrapolated N value (N*) reported.
4. Tests carried out using a split spoon sampler unless noted as CPT in comments column.





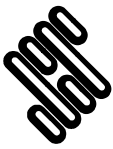
STANDARD PENETRATION TEST SUMMARY TABLE

Contract: Grovefield Way, Cheltenham					Client: H N Bailey, J A Bailey and C H Harvey					Job No: 722048
Exploratory Position ID	Depth (m)	Hole Dia (mm)	Casing Depth (m)	Water Depth (m)	Seating Drive		Test Drive			Comments
					Blows	Pen (mm)	Blows	R (mm)	Result	
BH5	8.10				25	75	50	75	N=200*	
BH6	2.00				2,3	150	4,4,4,6		N=18	
	4.00				7,12	150	14,14,14,8+	255	N=59*	
	6.00				7,11	150	16,21,13+	170	N=88*	
	7.50				5,8	150	17,26,7	225	N=67*	
	8.10				25	20	50+	25	N=600*	
BH7	2.00				2,1	150	1,2,2,2		N=7	
	3.00				5,7	150	7,5,6,7		N=25	
	4.00				7,17	150	18,19,13+	170	N=88*	
	5.00				25	10	50+	0	NP	No Recovery
BH8	2.00				2,2	150	1,2,3,2		N=8	
	4.00				6,7	150	9,11,15,15+	275	N=55*	
	5.00				0	75	50	75	N=200*	No Recovery

Notes:

1. Tests carried out in accordance with BS1377: Part 9: 1990: 3.3.
2. Reported blows are for 75mm penetration unless indicated "+".
3. Where full test drive was not achieved, actual penetration (R) and extrapolated N value (N*) reported.
4. Tests carried out using a split spoon sampler unless noted as CPT in comments column.





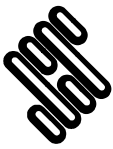
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP1
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 38.17	National Grid Co-ordinate: E:390801.4 N:221474.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	ES				Long grass over MADE GROUND: Brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular to subrounded limestone and brick and occasional rootlets.	0.20	[Cross-hatch pattern]
0.45 0.45	2	D V	$c_u=100/90/70$			MADE GROUND: Stiff grey brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded brick and limestone with tree roots 20mm in diameter and rare rootlets.	(0.60)	[Cross-hatch pattern]
0.80 0.80 0.80	3 4	ES D V	$c_u=80/80/75$			Firm becoming stiff grey mottled brown slightly sandy slightly gravelly CLAY with rare fine subrounded gravel of mudstone. (Charmouth Mudstone Formation)		[Dotted pattern]
1.10	5	B				. . . occasional fine shell fragments at 1.10m and occasional pockets of orange red fine sand (possibly gypsum crystals).	(0.90)	[Dotted pattern]
1.40 1.40	6	D V	$c_u=130/100/110$. . . occasional tree roots 10mm diameter at 1.40m.		[Dotted pattern]
1.70	7	D				Stiff to very stiff blue grey thickly laminated/thinly bedded (20mm) slightly sandy CLAY with fine sand sized gypsum crystals on laminated/bedded surfaces. (Charmouth Mudstone Formation)		[Horizontal line pattern]
2.00 2.00	8	D HP	$c_u=150/150/125$				(1.10)	[Horizontal line pattern]
2.40	9	D				. . . from 2.40m fine 2mm long gypsum crystals and rare fine shell fragments.		[Horizontal line pattern]
2.80	10	D					2.80	[Horizontal line pattern]
3.00 3.00	11	B HP	$c_u=200/200/225$			Very stiff blue grey thinly laminated slightly sandy CLAY, with frequent gypsum crystals 2mm in length and rare to occasional tree roots 20mm in diameter and occasional shell fragments. (Charmouth Mudstone Formation)	3.00	[Horizontal line pattern]
3.25	12	D				Very weak thinly laminated blue grey MUDSTONE. (Charmouth Mudstone Formation) . . . at 3.00m becoming very weak mudstone. Trial pit terminated at 3.25 m depth.	3.25	[Horizontal line pattern]

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	
All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP

STRUCTURAL_SOILS_GINT_LIBRARY_GLBTRIAL_PIT_LOG - STANDARD | 722048_GROVEFIELD_WAY_CHELTEHAM.GPJ - v8_02 | 14/07/14 - 12:19
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Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP2
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 39.35	National Grid Co-ordinate: E:390782.0 N:221395.9	Sheet: 1 of 1

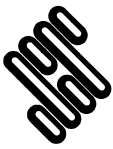
Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend			
Depth	No	Type	Results								
0.20	1	D	c _u =100/130/145			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular to subrounded brick, charcoal and limestone fragments with frequent rootlets.	(0.30)				
0.20	2	ES					Stiff light brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone and mudstone. (Superficial Deposits)		(0.50)		
0.70	3	D				Stiff grey mottled brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone/mudstone. (Superficial Deposits)					(1.00)
0.70	4	ES									
0.70	V										
0.95	5	D				... pockets of orange sand sized gypsum crystals from 1.40m depth.				(1.80)	
1.40	6	D									
1.80	7	D				Very stiff dark blue grey laminated slightly sandy CLAY with occasional decomposing rootlets and pockets of orange sand sized gypsum crystals. (Charmouth Mudstone Formation)				(1.00)	
2.30	8	B									
2.55	9	D									
3.00	10	D				Very stiff dark blue grey slightly sandy CLAY thinly laminated and bedded with fine gypsum crystals 1mm long along bedding surfaces and occasional decomposing rootlets. (Charmouth Mudstone Formation)				(0.70)	
3.55	11	B									
Very stiff to hard dark grey blue slightly sandy thinly laminated CLAY with occasional shell fragments. (Charmouth Mudstone Formation) Trial pit terminated at 3.55 m depth.											

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP

STRUCTURAL_SOILS_GINT_LIBRARY_GLBTRIAL_PIT_LOG - STANDARD | 722048 - GROVEFIELD WAY, CHELTENHAM, G.P.J. - v8_02 | 14/07/14 - 12:19
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Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP3
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 35.88	National Grid Co-ordinate: E:390765.7 N:221549.9	Sheet: 1 of 1

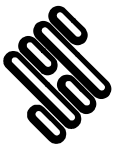
Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15 0.15	1 2	D ES				Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to coarse angular to subangular brick, charcoal and ceramic with frequent rootlets.	0.20	
						Firm to stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded mudstone and limestone. (Superficial Deposits)	(0.80)	
0.75 0.75 0.75	3 4 V	D ES V	$c_u=100/130/110$				1.00	
1.50 1.50	5 V	B V	$c_u=120/135$			Stiff grey mottled brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded limestone/mudstone and closely fissured. (Superficial Deposits)	(1.30)	
2.30	6	D				Stiff dark grey thinly laminated and bedded slightly sandy CLAY with occasional fine 1mm long gypsum crystals and pockets of orange sandy CLAY. (Charmouth Mudstone Formation)	(0.70)	
2.75	7	D					3.00	
3.20	8	B				Hard dark blue grey slightly sandy CLAY with frequent shell fragments and occasional gypsum crystals 1-4mm long. (Charmouth Mudstone Formation)	3.20	
						Trial pit terminated at 3.20 m depth.		

Plan (Not to Scale) 	General Remarks	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP

STRUCTURAL_SOILS_GINT_LIBRARY_GLBTRIAL_PIT_LOG - STANDARD | 722048 - GROVEFIELD WAY, CHELTENHAM, G.P.J. - v8_02 | 14/07/14 - 12:19
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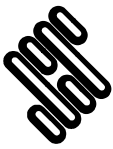
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP4	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 35.90	National Grid Co-ordinate: E:390730.7 N:221500.7	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend	
Depth	No	Type	Results						
0.20	1	D	c _u =130/140/140			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine to coarse subangular brick, charcoal, ceramic and limestone/mudstone.	0.20		
0.21	2	ES				Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone, mudstone and occasional rootlets. (Superficial Deposits)	(0.55)		
0.80	3	D				Stiff grey mottled brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone/mudstone. (Superficial Deposits)	0.75		
0.80	4	ES							
0.80	V	V							
1.20	5	D				... from 1.70m rare gypsum crystals and shell fragments.	(1.45)		
1.70	6	B							
2.20	7	D				Very stiff hard dark blue grey mottled brown thickly laminated/ thinly bedded slightly sandy CLAY with orange pockets with occasional gypsum crystals and occasional shell fragments. (Charmouth Mudstone Formation)	2.20		
2.75	8	D				Hard dark grey blue slightly sandy CLAY with occasional shell fragments and no gypsum crystals. (Charmouth Mudstone Formation)	(0.55)		
3.10	9	D						(0.85)	
3.60	10	D			Trial pit terminated at 3.60 m depth.	3.60			

Plan (Not to Scale) 	<h2>General Remarks</h2>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker		Checked By: SP		All dimensions in metres Scale: 1:25 	
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STRUCTURAL_SOILS_GINT_LIBRARY_GLBTRIAL_PIT_LOG - STANDARD | 722048 - GROVEFIELD WAY, CHELTENHAM, G.P.J. - v8_02 | 14/07/14 - 12:19
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Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP5	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 37.84	National Grid Co-ordinate: E:390722.9 N:221375.4	
Sheet: 1 of 1					

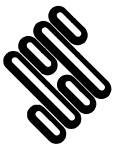
Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	D	c _u =124/112/110			Long grass MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine subangular to subrounded brick, charcoal and limestone with frequent rootlets.	(0.30)	
0.15	2	ES					Firm light brown mottled grey slightly sandy CLAY. (Superficial Deposits)	
0.90	3	D				Stiff grey mottled brown slightly sandy slightly gravelly CLAY with occasional pockets of orange brown sandy CLAY. Gravel is fine subrounded mudstone lithorelicts. (Superficial Deposits)	0.90	
0.90	4	ES					Stiff grey mottled orange brown slightly laminated slightly sandy CLAY. (Charmouth Mudstone Formation)	
0.90	5	V				Very stiff dark grey thickly laminated/ thinly bedded slightly sandy CLAY with 1mm gypsum crystals on /laminated/bedding surfaces (40mm) and occasional decomposing rootlets. (Charmouth Mudstone Formation) . . . occasional shell fragments from 2.90m.		1.20
1.20	6	D					Trial pit terminated at 3.20 m depth.	1.70
1.70	7	D						2.10
2.10	8	B						2.60
2.60	9	D						2.90
2.90	10	B						3.20
3.20								

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

All dimensions in metres		Scale: 1:25	
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker	Checked By: SP



STRUCTURAL_SOILS_GINT_LIBRARY_GLBTRIAL_PIT_LOG - STANDARD | 722048 - GROVEFIELD WAY, CHELTENHAM, G.P.J. - v8_02 | 14/07/14 - 12:19
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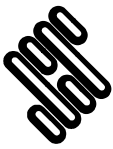


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP6	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 34.28	National Grid Co-ordinate: E:390687.4 N:221527.7	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	ES			Grass over MADE GROUND: Dark brown slightly sandy gravelly friable CLAY with frequent rootlets. Gravel is fine to coarse angular to subangular brick and ceramic.	0.20		
0.15	2	D				MADE GROUND: Brown slightly sandy gravelly CLAY. Gravel is fine to coarse subangular to angular ceramic piping, brick, pottery and sandstone.		0.45
0.65	3	ES	$c_u=180/140/160$		MADE GROUND: Stiff light brown slightly sandy slightly gravelly CLAY with occasional tree roots 10mm diameter. Gravel is fine to coarse subangular brick, ceramic and charcoal and building stone.	(0.45)		
0.65	4	D						
0.65	V							
0.90	5	D	$c_u=150/140$		Stiff brown mottled grey slightly sandy CLAY with occasional rootlets. (Charmouth Mudstone Formation)	0.90		
0.90	V							
1.40	6	D			Stiff grey mottled brown slightly sandy CLAY with occasional fine (1mm) gypsum crystals. (Charmouth Mudstone Formation)	1.40		
2.00	7	D			Stiff blue grey mottled brown thinly laminated slightly sandy CLAY with rare medium subrounded mudstone lithorelicts and occasional decomposing rootlets. (Charmouth Mudstone Formation)	(1.10)		
2.50	8	B			... at 2.70m depth small shell fragments and occasional gypsum crystals (1mm) and no gravel.			
2.70	9	D						
3.00	10	D			Trial pit terminated at 3.00 m depth.	3.00		

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Plan (Not to Scale)		General Remarks			
		<ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion. 			
		All dimensions in metres		Scale: 1:25	
Method Used:	Machine dug	Plant Used:	JCB-3CX	Logged By:	MBaker
			Checked By:	SP	

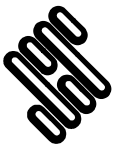


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP7
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 34.51	National Grid Co-ordinate: E:390681.8 N:221503.0	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend			
Depth	No	Type	Results								
0.10	1	D	c _u =150/130/180			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine to medium subangular to subrounded brick and limestone.	0.10				
0.15	2	ES					0.20				
						MADE GROUND: Fine to coarse gravel sized subangular to subrounded BRICK.	0.45				
0.60	3	D				MADE GROUND: Firm to stiff brown slightly sandy gravelly CLAY with occasional rootlets. Gravel is fine to coarse subangular brick, building stone (sandstone/limestone and ceramic).	(0.75)				
0.60	4	ES				Very stiff light brown slightly sandy CLAY with occasional tree roots 25mm diameter. (Charmouth Mudstone Formation)					
0.60	V										
1.20	5	B				Stiff grey mottled brown friable thinly laminated slightly sandy gravelly CLAY. Gravel is fine subangular mudstone lithorelicts. (Charmouth Mudstone Formation)	1.20				
1.80	6	D				c _u =160/160			Very stiff blue grey mottled brown thinly laminated CLAY interbedded with very weak grey mudstone excavated as cobbles. (Charmouth Mudstone Formation)	(0.80)	
2.30	7	D								2.00	
2.30	V										
2.90	8	D	... at 2.90m 1-5mm gypsum crystals. ... from 3.00m depth 10mm shell fragments with gypsum crystals 1-5mm.	(1.25)							
3.25	9	B	Trial pit terminated at 3.25 m depth.	3.25							

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Plan (Not to Scale) 	<h3>General Remarks</h3> <ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion. 			
	All dimensions in metres	Scale: 1:25		
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker	Checked By: SP	



Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP8
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 36.25	National Grid Co-ordinate: E:390692.6 N:221407.6	Sheet: 1 of 1

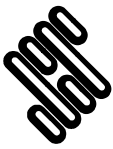
Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend	
Depth	No	Type	Results						
0.15 0.15	1 2	ES D	c _u =200/140/130			Long grass/thistles over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine to coarse subangular ceramic, brick and charcoal.	(0.45)		
							Stiff brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded limestone and charcoal with occasional rootlets.		0.45
0.60 0.60 0.60	3 4 V	ES D V					Stiff grey slightly sandy CLAY. (Superficial Deposits)	(0.45)	
0.90	5	D						0.90	
								(0.70)	
1.60 1.60	6 6a	B B					Stiff grey mottled brown slightly sandy CLAY. (Superficial Deposits)	1.60	
								(0.60)	
2.20	7	D					Very stiff grey mottled brown thickly laminated slightly sandy CLAY, with coarse subangular mudstone lithorelicts. (Charmouth Mudstone Formation)	2.20	
2.55	8	D					... at 2.55m depth occasional decomposing red purple rootlets.	(1.35)	
2.85	9	D					... at 2.85m depth frequent 2mm gypsum crystals present.		
3.20	10	D					... pockets of orange slightly sandy clay from 3.20m depth.		
3.55	11	D				... gypsum crystals 5mm and frequent abundant shell fragments from 3.50m depth. Trial pit terminated at 3.55m depth.	3.55		

Plan (Not to Scale) 	General Remarks	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP

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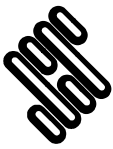
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP9
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 33.99	National Grid Co-ordinate: E:390635.0 N:221483.4	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20	1	D	c _u =110/130/110			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine subangular charcoal, brick and limestone.	0.20	
0.20	2	D					MADE GROUND: Stiff light orangish brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded limestone and charcoal.	
0.60	3	D				(1.20)		
0.60	4	ES V						
1.40	5	B				1.40		
2.10	6	D				(0.60)		
2.70	7	D				2.00		
3.00	8	D				(1.00)		
			3.00					

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Plan (Not to Scale) 	General Remarks	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	
All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP





Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP10	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 33.97	National Grid Co-ordinate: E:390574.4 N:221406.8	Sheet: 1 of 1

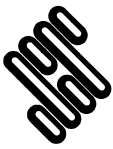
Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	ES	c _u =112/70/100			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular to subrounded brick, charcoal, glass and ceramic with frequent rootlets.	0.20	
0.15	2	D				MADE GROUND: Stiff light brown mottled grey slightly sandy slightly gravelly firm CLAY. Gravel is fine subrounded brick, charcoal and limestone.	(0.30)	
0.40	3	D					0.50	
0.60	4	ES				Firm to stiff grey mottled orange slightly sandy CLAY with pockets of orange fine sand sized gypsum crustals. (Charmouth Mudstone Formation)	(1.00)	
0.60	5	D						
0.60	V							
1.10	6	D					1.50	
1.50	7	D		c _u =90		Stiff grey thinly laminated slightly sandy CLAY with fine gypsum crystals 1mm long with silty very fine sand on laminated surfaces. (Charmouth Mudstone Formation)	(0.60)	
1.50	V							2.10
2.10	8	D				Stiff blue grey brown slightly sandy CLAY with occasional decomposing rootlets and gypsum crystals of up to 10mm in length. (Charmouth Mudstone Formation)	(0.50)	
2.30	9	D					2.60	
2.60	10	D				Very stiff to hard thinly laminated grey blue brown slightly sandy CLAY interbedded with weak MUDSTONE and excavated as cobbles. (Charmouth Mudstone Formation)	(0.50)	
2.90	11	D					3.10	
3.10	12	D			Very stiff to hard dark grey slightly sandy very thin laminated CLAY interbedded weak MUDSTONE excavated as cobbles. (Charmouth Mudstone Formation)	(0.30)		
3.40	13	B			Trial pit terminated at 3.40m depth.	3.40		

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

All dimensions in metres		Scale: 1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP

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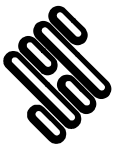


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP11	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 32.03	National Grid Co-ordinate: E:390526.1 N:221480.2	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20	1	ES	c _u =180/130/135			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular brick, charcoal and limestone.	0.25	
0.20	2	D				Firm light brown slightly sandy slightly gravelly CLAY. Gravel of subrounded limestone. (Superficial Deposits)	(0.40)	
0.75	3	ES				Stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone. (Superficial Deposits)	0.65	
0.75	4	D						
0.75	V							
1.35	5	D				Stiff grey mottled brown thinly laminated slightly sandy CLAY. (Charmouth Mudstone Formation)	1.35	
1.85	6	B				. . . decomposing purple rootlets from 1.85m depth and occasional shell fragments.	(1.05)	
2.40	7	D				Very stiff dark grey thinly laminated sandy CLAY with occasional shell fragments and fine frequent gypsum crystals 2mm. (Charmouth Mudstone Formation)	2.40	
2.90	8	D						(0.90)
3.30	9	D				Very weak dark grey MUDSTONE. (Charmouth Mudstone Formation)	3.30	
3.60	10	B					(0.30)	
3.60					Trial pit terminated at 3.60m depth.	3.60		

Plan (Not to Scale) 		General Remarks 1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.			
Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker	
Checked By: SP		Scale: 1:25			

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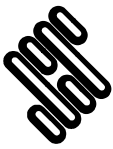
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP12	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 33.08	National Grid Co-ordinate: E:390490.5 N:221402.2	
Sheet: 1 of 1					

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	D	c _u =160/160/200			Grass and thistles over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular to subrounded charcoal, brick, ceramic, limestone and frequent rootlets.	(0.30)	
0.15	2	ES				Very stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded limestone and occasional rootlets. (Superficial Deposits)	0.30	
0.75	3	D				Stiff grey slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded mudstone. (Superficial Deposits)	1.00	
0.75	4	ES						
0.75	5	V						
1.00	5	D				Very stiff grey mottled/interbedded brown slightly sandy thinly laminated CLAY. (Charmouth Mudstone Formation)	(0.50)	
1.60	6	D						
2.20	7	B				Very stiff blue grey laminated slightly sandy CLAY interbedded with weak MUDSTONE and excavated as cobbles with occasional decomposing red/purple rootlets. (Charmouth Mudstone Formation)	(0.80)	
2.65	8	D				... occasional to rare shell fragments from 2.60m depth.	2.80	
3.20	9	D				Weak dark grey blue MUDSTONE with occasional gypsum crystals and shell fragments, excavated as cobbles. (Charmouth Mudstone Formation)	(0.70)	
3.50	10	D			Trial pit terminated at 3.50m depth.	3.50		

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Backfilled on completion.	

Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker		Checked By: SP	
All dimensions in metres				Scale: 1:25			

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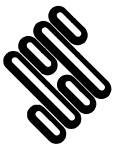


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP13	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 31.38	National Grid Co-ordinate: E:390478.2 N:221474.2	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend	
Depth	No	Type	Results						
0.20	1	D	c _u =110/108/140			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to coarse subangular to angular glass, charcoal, brick and frequent rootlets.	0.25		
0.20	2	ES		MADE GROUND: Light brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded charcoal and limestone with occasional rootlets.		0.50			
0.70	3	D		(1.20)			Stiff light grey brown slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded limestone. (Superficial Deposits)		
0.70	4	ES							
0.70	V								
1.10	5	D							
1.70	6	D		(1.07)			Stiff grey mottled brown closely fissured slightly sandy CLAY. (Charmouth Mudstone Formation) ... from 2.00m depth clay has become thinly laminated with abundant fine 1-2mm gypsum crystals.		
2.20	7	D							
2.77	8	D		(0.63)			Hard dark grey thinly laminated slightly sandy CLAY with rare to occasional 1-2mm gypsum crystals, interbedded with weak MUDSTONE and excavated as cobbles. (Charmouth Mudstone Formation) ... at 3.05m depth decomposing red/purple rootlets on bedding surfaces of weak mudstone/hard clay.		
3.05	9	D							
3.40	10	D							
3.40	11	B			Weak dark blue grey MUDSTONE with occasional fossils and excavated as cobbles. (Charmouth Mudstone Formation) Trial pit terminated at 3.60m depth.	3.60			

Plan (Not to Scale)		General Remarks			
		All dimensions in metres		Scale: 1:25	
Method Used:	Machine dug	Plant Used:	JCB-3CX	Logged By:	MBaker
			Checked By:	SP	

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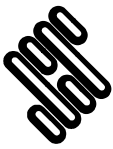


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: TP14	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 32.59	National Grid Co-ordinate: E:390472.6 N:221414.4	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend									
Depth	No	Type	Results														
0.20	1	ES	c _u =150/150/130 c _u =70			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY with frequent rootlets. Gravel is fine subrounded brick, charcoal and limestone.	(0.30)										
0.20	2	D					(0.30)										
0.70	3	ES							Firm light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone with occasional rootlets. (Superficial Deposits)	(0.35)							
	0.70	4								D		(0.65)					
	0.70	V								(0.35)							
1.00	5	B							Stiff light brown mottled grey closely fissured slightly sandy CLAY. (Superficial Deposits)	1.00							
		V								(0.50)							
1.85	6	B							Firm grey mottled brown fissured slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded mudstone/limestone. (Superficial Deposits)	1.50							
										2.30		7	D			Stiff dark grey laminated slightly sandy CLAY with abundant/frequent gypsum crystals 1-2mm (interbedded brown and grey). (Charmouth Mudstone Formation)	(1.30)
																	2.80
3.30	9	D							... at 2.30m depth 20mm laminations/beds along which gypsum crystals are present.	2.80							
3.40	10	B				... at 3.30m depth occasional gypsum crystals.	3.65										
3.65	11	D				Trial pit terminated at 3.65m depth.											

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Plan (Not to Scale)		General Remarks			
Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker	
		All dimensions in metres		Scale: 1:25	
				Checked By: SP	

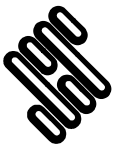


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR1	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 38.41	National Grid Co-ordinate: E:390792.1 N:221451.9	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15 0.15	1 2	D ES				Long grass over MADE GROUND: Brown slightly sandy slightly gravelly friable CLAY with gravel of fine to medium subangular brick, ceramic, bone and charcoal.	(0.27) 0.27	[Cross-hatch pattern]
						MADE GROUND: Stiff brown grey slightly sandy slightly gravelly CLAY. Gravel is fine to coarse subangular to rounded sandstone chert, brick and charcoal.	(0.21) 0.48	
0.48 0.48 0.48	3 4	D ES V	$c_u=110/120/120$			Terminated at 0.48m depth.		

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Plan (Not to Scale)		General Remarks			
<p>1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ration test completed. 4. Backfilled on completion.</p>		All dimensions in metres		Scale: 1:15	
Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker	
				Checked By: SP	



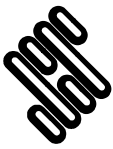
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR2
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 38.53	National Grid Co-ordinate: E:390789.1 N:221441.7	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20 0.20	1 2	D ES			Grass (long) over MADE GROUND: Brown slightly sandy friable CLAY with frequent rootlets. Occasional ceramic pieces and fine subrounded fragments of charcoal and brick.	(0.40)		
0.40	3	D		MADE GROUND: Stiff light brown slightly sandy slightly gravelly CLAY with occasional roots. Gravel is very fine subangular to subrounded fragments of charcoal and brick.		0.40 0.50 0.55		
0.55 0.55 0.55	4 5	ES D V	$c_u=60/80/80$		MADE GROUND: Stiff brown orange grey slightly sandy slightly gravelly CLAY. Gravel is fine subrounded fragments of charcoal and brick. Terminated at 0.55m depth.			

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Plan (Not to Scale) 	<h3>General Remarks</h3> <ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed, 4. Backfilled on completion.
	All dimensions in metres Scale: 1:15

Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker	Checked By: SP	
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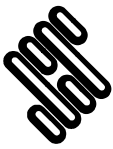
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR3
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 37.22	National Grid Co-ordinate: E:390758.6 N:221464.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	D				Long grass over MADE GROUND: Brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subangular to subrounded charcoal and brick with frequent rootlets.	(0.20)	[Cross-hatch pattern]
0.15	2	ES					0.20	
0.30	3	D				MADE GROUND: Stiff light brown and grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded brick, charcoal and rare rootlets.	(0.30)	[Cross-hatch pattern]
0.50	4	D					0.50	
0.50	5	ES				Terminated at 0.50m depth.		
0.50		V	$c_u=130/120/100$					

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Plan (Not to Scale) 	General Remarks	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed. 4. Backfilled on completion.	
All dimensions in metres		Scale: 1:15
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP



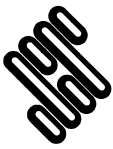


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR4	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 35.97	National Grid Co-ordinate: E:390711.2 N:221461.7	
Sheet: 1 of 1					

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20 0.20	1 2	D ES			Long grass over MADE GROUND: Brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to medium subrounded to subangular brick, charcoal and ceramic.	(0.30)		
0.40	3	D		MADE GROUND: Stiff brown mottled grey orange brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded brick, charcoal and limestone.		(0.35)		
0.65 0.65 0.65	4 5	D ES V	$c_u=130/140/140$		Terminated at 0.65m depth.	0.65		

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Plan (Not to Scale)		General Remarks			
		<ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed. 4. Backfilled on completion. 			
		All dimensions in metres		Scale: 1:15	
Method Used:	Machine dug	Plant Used:	JCB-3CX	Logged By:	MBaker
			Checked By:	SP	

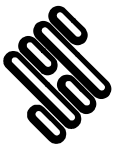


Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR5	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 34.90	National Grid Co-ordinate: E:390660.5 N:221445.3	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15	1	ES			Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine to coarse subangular brick, charcoal and limestone.	(0.20)	[Cross-hatch pattern]	
0.15	2	D				MADE GROUND: Stiff brown slightly sandy slightly gravelly CLAY. Gravel is fine subangular limestone, charcoal and brick.		(0.20)
0.40	3	D			MADE GROUND: Stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded charcoal and brick.	(0.30)	[Cross-hatch pattern]	
0.70	4	D			Terminated at 0.70m depth.	0.70	[Cross-hatch pattern]	
0.70	5	ES						
0.70		V	$c_u=70/80/90$					

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Plan (Not to Scale)		General Remarks			
		<ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed. 4. Backfilled on completion. 			
		All dimensions in metres		Scale: 1:15	
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker	Checked By: SP		



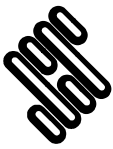
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR6
Contract Ref: 722048	Date: 01.08.08	Ground Level (m): 34.04	National Grid Co-ordinate: E:390601.2 N:221433.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.15 0.20	2 1	D ES				Long grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel of subangular to subrounded brick and charcoal.	(0.20) 0.20	
						MADE GROUND: Stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone, charcoal and brick.	(0.30)	
0.50 0.50 0.50	3 4	ES D V	$c_u=140/130/140$			Terminated at 0.50m depth.	0.50	

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Plan (Not to Scale) 	<h3>General Remarks</h3> <ol style="list-style-type: none"> 1. Trial pit walls were stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed. 4. Backfilled on completion. 	
	All dimensions in metres	Scale: 1:15
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker Checked By: SP





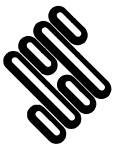
Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: CBR7	
Contract Ref: 722048		Date: 01.08.08	Ground Level (m): 33.43	National Grid Co-ordinate: E:390556.3 N:221436.1	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20	2	D				Grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel of subangular to subrounded charcoal, brick and limestone.	0.15	[Cross-hatched pattern]
0.25	1	ES				MADE GROUND: Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular brick, charcoal and limestone.	(0.25)	
							0.40	
0.50	3	ES				MADE GROUND: Stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded brick and charcoal.	0.50	[Cross-hatched pattern]
0.50	4	D				Terminated at 0.50m depth.		
0.50	V	V	$c_u=112/112/130$					

Plan (Not to Scale) 	<h3>General Remarks</h3>	
	1. Trial pit walls stable. 2. No groundwater encountered. 3. Californian Bearing Ratio test completed. 4. Backfilled on completion.	

Method Used: Machine dug		Plant Used: JCB-3CX		Logged By: MBaker		Checked By: SP		Scale: 1:15 	
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Contract: Grovefield Way, Cheltenham		Client: H N Bailey, J A Bailey and C H Harvey		Trialpit: SA1
Contract Ref: 722048	Date: 04.08.08	Ground Level (m): 33.48	National Grid Co-ordinate: E:390637.1 N:221522.7	Sheet: 1 of 1

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.20	1	D				Thistles and long grass over MADE GROUND: Dark brown slightly sandy slightly gravelly friable CLAY. Gravel is fine subangular to subrounded charcoal and brick with frequent rootlets.	0.26	
0.20	2	ES				MADE GROUND: Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded charcoal and brick with occasional rootlets.	(0.31) 0.57	
0.70	3	ES	c _u =130/130/130			Stiff light brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine subangular to subrounded limestone and fine shell fragments. (Superficial Deposits)	(0.53) 1.10	
0.70	4	D						
0.70	V							
1.10	5	D				Stiff grey brown mottled orange slightly sandy CLAY. With occasional roots 2mm. (Charmouth Mudstone Formation)	(0.80) 1.90	
1.90	6	D						
1.90	V		c _u =90/110			Stiff grey mottled brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded limestone, 2mm gypsum crystals and occasional shell fragments. (Charmouth Mudstone Formation)	(0.75) 2.65	
2.45	7	D						
2.65	8	D				Pit terminated at 2.65m depth.		

Plan (Not to Scale) 	<h2>General Remarks</h2>	
	<ol style="list-style-type: none"> 1. Trial pit walls stable. 2. No groundwater encountered. 3. Soakaway test completed. 4. Backfilled on completion. 	

All dimensions in metres		Scale:	1:25
Method Used: Machine dug	Plant Used: JCB-3CX	Logged By: MBaker	Checked By: SP



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