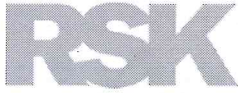


APPENDIX B

EXPLORATORY HOLE RECORDS



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH1	
Contract Ref: 27265		Start: 29.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 1
		End: 29.07.14			

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.40	1	B	,28/9,41,49 for 75mm			MADE GROUND: Grey/brown slightly silty sandy GRAVEL of brick, flint and sandstone with occasional cobble sized concrete and brick fragments. Sand if fine to coarse and gravel is fine to coarse angular to sub-rounded.	(0.50)	
0.50	1	D		0.50				
0.60-1.30	2	B		MADE GROUND: Grey/brown sandy gravelly CLAY with occasional cobble sized concrete fragments. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded brick concrete flint and chalk.		(1.70)		
1.40	2	D						
1.50-1.88	1	SPT(c)						
1.50-2.00	3	B						
BH terminated due to concrete obstruction							2.20	

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks	
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)		
29/07/14		2.20	2.20	200	Dry				1. Location cleared by GPR survey. 2. Borehole drilled with 200mm diameter tools. 3. No groundwater encountered.	
						All dimensions in metres				Scale: 1:50
Method Used: Cable percussion			Plant Used: Dando 2000 Mark2			Drilled By: SH		Logged By: GBurgin		Checked By:



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH1A
Contract Ref: 27265	Start: 30.07.14 End: 30.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 3

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.40	1	B				MADE GROUND: Grey slightly silty slightly sandy GRAVEL with cobble sized clasts of concrete. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded concrete brick and flint.	0.50	
0.50	1	D				MADE GROUND: Dark greyish brown sandy gravelly CLAY. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded flint brick and chalk.	(2.00)	
0.60-1.30	2	B						
1.40	2	D				Dense locally very dense initially orangic brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is predominantly coarse. (BOYN HILL GRAVEL)	2.50	
1.50-1.95	1	SPT(c)	N=43					
1.50-2.00	3	B						
2.50	3	D				Dense locally very dense initially orangic brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is predominantly coarse. (BOYN HILL GRAVEL)		
2.60-3.05	2	SPT(c)	N=34					
2.60-3.10	4	B						
3.40	4	D						
3.50-3.95	3	SPT(c)	N=29			... below 7.00m increase in sand content		
3.50-4.00	5	B						
4.00	1	W						
4.40	5	D						
4.50-4.95	4	SPT(c)	N=76					
4.50-5.00	6	B						
5.40	6	D						
5.50-5.95	5	SPT(c)	N=32					
5.50-6.00	7	B						
6.40	7	D						
6.50-6.95	6	SPT(c)	N=39					
6.50-7.00	8	B						
7.40	8	D				... below 7.00m increase in sand content		
7.50-7.95	7	SPT(c)	N=41					
7.50-8.00	9	B						
8.90	9	D				... below 7.00m increase in sand content		
9.00-9.45	8	SPT(c)	N=39					
9.00-9.50	10	B						

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 RSK Environment Ltd, 18 Frogmore Road, Herefordshire, Herefordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk

Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
29/07/14		4.50	4.40	200	4.50				
29/07/14		14.00	14.00	200					
30/07/14		19.50	19.50	150					
30/07/14		21.50	21.50	150					

1. Location cleared by GPR survey.
 2. Borehole drilled with 200mm diameter tools.
 3. Water added between 2.5m to 19.5m to facilitate drilling.
 4. Groundwater strike at 4.5m, rising to 4.0m in 30 minutes. Second strike at 21.5m.
 5. Upon completion 50mm stand pipe installed to 19m.

All dimensions in metres Scale: **1:56**

Method Used: Cable percussion	Plant Used: Dando 2000 Mark2	Drilled By: SH	Logged By: GBurgin	Checked By:
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BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH1A
Contract Ref: 27265	Start: 30.07.14 End: 30.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 2 of 3

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend					
Depth	No	Type	Results										
10.40	10	D	N=55		Dense locally very dense initially orangic brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is predominantly coarse. (BOYN HILL GRAVEL) (stratum copied from 2.50m from previous sheet) ... below 10.00m very dense	(17.00)							
10.50-10.95	9	SPT(c)											
10.50-11.00	11	B											
12.00	11	D	N=53										
12.10-12.55	10	SPT(c)											
12.10-12.60	12	B											
13.40	12	D	N=54					... at 13.50m grading to very sandy gravel with occasional flint cobbles	(17.00)				
13.50-13.95	11	SPT(c)											
13.50-14.00	13	B											
14.90	13	D	N=51										
15.00-15.45	12	SPT(c)											
15.00-15.50	14	B											
16.40	14	D	N=56								... at 18.00m a band of flint	(17.00)	
16.50-16.95	13	SPT(c)											
16.50-17.00	15	B											
17.90	15	D	,26/31,39,50 for 75mm										
18.00-18.38	14	SPT(c)											
18.00-18.50	16	B											
19.00-19.45	15	SPT(c)	N=17	Description on next sheet	(19.50)								
19.50	16	D											
19.60-20.10	17	B											

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
All dimensions in metres								Scale: 1:56	
Method Used: Cable percussion		Plant Used: Dando 2000 Mark2		Drilled By: SH		Logged By: GBurgin		Checked By: 	



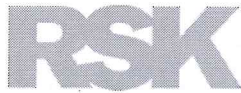
BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH1A
Contract Ref: 27265	Start: 30.07.14 End: 30.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 3 of 3

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
20.90	17	D	N=16			Recovered as: Structureless CHALK composed of silty sandy GRAVEL with occasional fine to coarse sub-angular to angular flint. Gravel is white weak medium density fine to coarse angular to sub-rounded. Matrix is off white. (WHITE CHALK SUBGROUP) <i>(stratum copied from 19.50m from previous sheet)</i>	(2.00)	
21.00-21.45	16	SPT(c)						
21.00-21.50	18	B						
21.50	2	W						

GINT_LIBRARY_v8_05.GLB LibVersion: v8_05 - Core+Logs 0003 | Log CABLE PERCUSSION LOG | 27265 MILL POND SITE, DARTFORD.GPJ - v8_05 | 10/10/14 - 15:35 | CB.
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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
All dimensions in metres								Scale: 1:56	
Method Used: Cable percussion			Plant Used: Dando 2000 Mark2			Drilled By: SH		Logged By: GBurgin	Checked By:



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH2	
Contract Ref: 27265		Start: 30.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 1
		End: 30.07.14			

Samples and In-situ Tests				Water	Backfill	Description of Strata	Depth (Thickness)	Material Graphic Legend		
Depth	No	Type	Results							
0.00-0.40	1	B			[Cross-hatched pattern]	MADE GROUND: Grey slightly sandy gravel with frequent cobble sized concrete fragments. Sand is fine to coarse and gravel is fine to coarse angular concrete and brick.	0.50	[Cross-hatched pattern]		
0.50	1	D								
0.60-1.30	2	B			[Cross-hatched pattern]	MADE GROUND: Dark brown sandy gravelly SILT/CLAY. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded flint brick concrete and chalk.	(2.60)	[Cross-hatched pattern]		
1.40	2	D								
1.50-1.95	1	SPT(c)	N=7							
1.50-2.00	3	B								
2.40	3	D			[Cross-hatched pattern]	... below 2.5m becoming mottled black sandy gravel with frequent cobbles and organic rich silt and clay	3.10	[Cross-hatched pattern]		
2.50-2.95	2	SPT(c)	N=81							
2.50-3.00	4	B								
						BH terminated due to concrete obstruction				

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks	
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)		
30/07/14		3.10	3.00	200					1. Location cleared by GPR survey. 2. Borehole drilled with 200mm diameter tools. 3. No groundwater encountered.	
		All dimensions in metres		Scale: 1:56						
Method Used: Cable percussion			Plant Used: Dando 2000 Mark2			Drilled By: SH		Logged By: GBurgin		Checked By:



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH2A
Contract Ref: 27265	Start: 31.07.14 End: 31.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 3

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
3.00	1	W				MADE GROUND: Dark brown sandy gravelly CLAY with occasional cobble sized concrete fragments. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded concrete brick and flint.	(3.50)	
3.00	3	B						
3.10	1	D						
3.50	2	D						
3.60-4.10	1	B						
4.40	3	D			Dense locally very dense initially orangic brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is predominantly coarse. (BOYN HILL GRAVEL)			
4.50-5.00	2	B						
5.40	4	D						
7.40	5	D						
7.50-7.95	4	SPT(c)	N=37					
7.50-8.00	4	B						
8.90	6	D						
9.00-9.45	5	SPT(c)	N=30					
9.00-9.50	5	B						

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
31/07/14		20.20	20.20	200					
31/07/14		22.00	22.00	150					

1. Location cleared by GPR survey.
 2. Borehole drilled with 200mm diameter tools.
 3. Water added between 6m to 20.2m to facilitate drilling.
 4. Groundwater strike masked by the addition of water. Second strike at 22.0m.
 5. Upon completion 50mm stand pipe installed to 20m.

All dimensions in metres Scale: **1:56**

Method Used: Cable percussion	Plant Used: Dando 2000 Mark2	Drilled By: SH	Logged By: GBurgin	Checked By:	
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BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH2A	
Contract Ref: 27265	Start: 31.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 2 of 3	
	End: 31.07.14				

Samples and In-situ Tests				Water Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend					
Depth	No	Type	Results									
10.40	7	D	N=48		Dense locally very dense initially orangic brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is predominantly coarse. (BOYN HILL GRAVEL) (stratum copied from 3.50m from previous sheet)							
10.50-10.95	6	SPT(c)										
10.50-11.00	6	B										
12.00	8	D	N=43				... from 12.1m to 12.6m increased sand content					
12.10-12.55	7	SPT(c)										
12.10-12.60	7	B										
13.40	9	D	N=31									
13.50-13.95	8	SPT(c)										
13.50-14.00	8	B										
14.90	10	D	N=61									
15.00-15.45	9	SPT(c)										
15.00-15.50	9	B										
16.40	11	D	N=47									
16.50-16.95	10	SPT(c)										
16.50-17.00	10	B										
17.90	12	D	N=42									
18.00-18.45	11	SPT(c)										
18.00-18.20	11	B										
19.40	13	D	41/47,59 for 75mm									
19.50-19.80	12	SPT(c)										

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks	
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)		
Method Used: Cable percussion						Plant Used: Dando 2000 Mark2			Drilled By: SH	
						Logged By: GBurgin			Checked By: AGS	
						All dimensions in metres			Scale: 1:56	



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH2A
Contract Ref: 27265	Start: 31.07.14 End: 31.07.14	Ground Level: ---	Co-ordinates: ---	Sheet: 3 of 3

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
19.50-20.00	12	B	N=18	[Shaded Box]	Recovered as: Structureless CHALK composed of silty sandy GRAVEL with occasional fine to coarse sub-angular to angular flint. Gravel is white weak medium density fine to coarse angular to sub-rounded. Matrix is off white. (WHITE CHALK SUBGROUP)	20.20	[Symbol]	
20.20	14	D				[Symbol]		
20.30-20.75	13	SPT(c)				[Symbol]		
20.30-20.80	13	B				[Symbol]		
						(1.80)	[Symbol]	
21.40	15	D	N=14	[Shaded Box]			[Symbol]	
21.50-21.95	14	SPT(c)				[Symbol]		
21.50-22.00	14	B				[Symbol]		
22.00	2	W					[Symbol]	

GINT LIBRARY_V8_05.GLB LibVersion: v8_05 - Core+Logs 0003 | Log Cable Percussion Log | 27265 MILL POND SITE, DARTFORD.GPJ - v8_05 | 10/10/14 - 15:35 | CB.
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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
All dimensions in metres								Scale: 1:56	
Method Used: Cable percussion		Plant Used: Dando 2000 Mark2		Drilled By: SH		Logged By: GBurgin		Checked By:	



BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH3
Contract Ref: 27265	Start: 01.08.14 End: 01.08.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 2

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
0.00-0.50	1	B				MADE GROUND: Dark brown sandy gravelly SILT/CLAY. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded flint brick and concrete with occasional wood debris.		
0.50	1	D						
0.60-1.30	2	B						
1.40	2	D						
1.50-1.95	1	SPT(c)	N=16					
1.50-2.00	3	B						
2.40	3	D						
2.50-2.95	2	SPT(c)	N=13					
2.50-3.00	4	B						
3.40	4	D						
3.50-3.95	3	SPT(c)	N=7					
3.50-4.00	5	B				... from 3.5m becoming mottled black sand and gravel with organic rich silts and clays. Some fine to medium angular to sub-angular chalk fragments also present		
4.10	1	W					4.40	
4.40	5	D						
4.50-4.95	4	SPT(c)	N=26			Initially medium dense becoming dense initially orangic brown very sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is medium to coarse. (BOYN HILL GRAVEL)		
4.50-5.00	6	B						
5.90	6	D						
6.00-6.45	5	SPT(c)	N=34					
6.00-6.50	7	B						
7.40	7	D						
7.50-7.95	6	SPT(c)	N=23					
7.50-8.00	8	B						
9.00	8	D						
9.10-9.55	7	SPT(c)	N=34					
9.10-9.60	9	B						

GINT LIBRARY V8_05.GLB LibVersion: v8_05 - Core+Logs 0003 | Log Cable Percussion LOG | 27265 MILL POND SITE, DARTFORD.GPJ - v8_05 | 10/10/14 - 15:35 | CB.
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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
01/08/14		4.40	4.00	200	4.40				
01/08/14		4.50	4.50	200					
01/08/14		15.60	15.60	150					

1. Location cleared by GPR survey.
 2. Borehole drilled with 200mm diameter tools.
 3. Water added between 4.4m to 15.6m to facilitate drilling.
 4. Groundwater strike at 4.4m, rising to 4.0m in 30 minutes.
 5. Upon completion 50mm stand pipe installed to 15m.

All dimensions in metres Scale: **1:56**

Method Used: Cable percussion	Plant Used: Dando 2000 Mark2	Drilled By: SH	Logged By: GBurgin	Checked By:
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BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH3
Contract Ref: 27265	Start: 01.08.14 End: 01.08.14	Ground Level: ---	Co-ordinates: ---	Sheet: 2 of 2

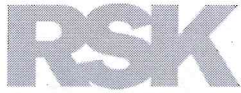
Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
10.40	9	D	N=24	[Water Level Indicator]	[Backfill & Instrumentation]	Initially medium dense becoming dense initially orangic brown very sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is medium to coarse. (BOYN HILL GRAVEL) <i>(stratum copied from 4.40m from previous sheet)</i>	[Depth Scale]	[Material Legend]
10.50-10.95	8	SPT(c)						
10.50-11.00	10	B						
12.00	10	D	N=40	[Water Level Indicator]	[Backfill & Instrumentation]	... below 12.00m sand content deceases	[Depth Scale]	[Material Legend]
12.10-12.55	9	SPT(c)						
12.10-12.60	11	B						
13.40	11	D	N=30	[Water Level Indicator]	[Backfill & Instrumentation]		[Depth Scale]	[Material Legend]
13.50-13.95	10	SPT(c)						
13.50-14.00	12	B						
15.00	12	D	N=33	[Water Level Indicator]	[Backfill & Instrumentation]		[Depth Scale]	[Material Legend]
15.10-15.55	11	SPT(c)						
15.10-15.60	13	B						

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Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	

All dimensions in metres Scale: **1:56**

Method Used: Cable percussion	Plant Used: Dando 2000 Mark2	Drilled By: SH	Logged By: GBurgin	Checked By: [Signature]	
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BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH4
Contract Ref: 27265	Start: 04.08.14 End: 04.08.14	Ground Level: ---	Co-ordinates: ---	Sheet: 1 of 2

Samples and In-situ Tests				Water Backfill & Instru- mentation	Description of Strata	Depth (Thick- ness)	Material Graphic Legend
Depth	No	Type	Results				
0.00-0.40	B1	B			MADE GROUND: Dark brown sandy gravelly SILT/CLAY. Sand is fine to coarse and gravel is fine to coarse angular to sub-rounded flint brick sandstone and concrete with occasional wood debris.	(3.30)	
0.50-0.95	1	SPT(c)	N=13				
0.60-1.30	B2	B					
1.40	D2	D					
1.50-2.00	B3	B					
2.40	D3	D					
2.50-2.95	2	SPT(c)	N=7				
3.30	D4	D					
3.40-3.85	3	SPT(c)	N=20		Medium dense initially orange brown sandy GRAVEL with occasional flint cobbles. Gravel is fine to coarse angular to rounded flint and sand is medium to coarse. (BOYN HILL GRAVEL)	(3.30)	
4.40	D5	D		... below 5.4m grading into very dense sand and gravel	(3.20)		
4.50-4.95	4	SPT(c)	N=27				
5.40	D6	D					
5.50-5.95	5	SPT(c)	N=139				
6.50	D7	D		Recovered as: Structureless CHALK composed of silty sandy GRAVEL with occasional fine to coarse sub-angular to angular flint. Gravel is white weak low density fine to coarse angular to sub-rounded. Matrix is off white. (WHITE CHALK SUBGROUP)	6.50		
6.60-7.05	6	SPT(c)	N=21				
7.90	D8	D					
8.00-8.45	7	SPT(c)	N=15				
9.40	D9	D					
9.50-9.95	8	SPT(c)	N=11				

GINT LIBRARY_v8_05_GLB LibVersion: v8_05 - Core+Logs 0003 | Log CABLE PERCUSSION LOG | 27265 MILL POND SITE, DARTFORD.GPJ - v8_05 | 10/10/14 - 15:38 | CB.
 RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk.

Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks	
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)		
04/08/14		4.00	3.40		3.90				1. Location cleared by GPR survey. 2. Borehole drilled with 200mm diameter tools. 3. Water added between 3.90m to 16.0m to facilitate drilling. 4. Groundwater strike at 3.9m, rising to 3.2m in 30 minutes.	
All dimensions in metres						Scale: 1:56				
Method Used: Cable percussion		Plant Used: Cable tool rig		Drilled By: MB		Logged By: STrajkovski		Checked By:		



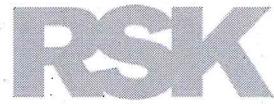
BOREHOLE LOG

Contract: Mill Pond Site, Dartford		Client: Weston Homes		Borehole: BH4
Contract Ref: 27265	Start: 04.08.14 End: 04.08.14	Ground Level: ---	Co-ordinates: ---	Sheet: 2 of 2

Samples and In-situ Tests				Water	Backfill & Instrumentation	Description of Strata	Depth (Thickness)	Material Graphic Legend
Depth	No	Type	Results					
10.90 11.00-11.45	D10 9	D SPT(c)	N=14		Water	Recovered as: Structureless CHALK composed of silty sandy GRAVEL with occasional fine to coarse sub-angular to angular flint. Gravel is white weak low density fine to coarse angular to sub-rounded. Matrix is off white. (WHITE CHALK SUBGROUP) <i>(stratum copied from 6.50m from previous sheet)</i>	(9.50)	
12.40 12.50-12.95	D11 10	D SPT(c)	N=21					
13.90 14.00-14.45	D12 11	D SPT(c)	N=23					
15.40 15.50-15.95	D13 12	D SPT(c)	N=21					
							16.00	

GINT_LIBRARY_V8_05.GLB LibVersion: v8_05 - Core+Logs 0003 | Log Cable Percussion LOG | 27265 MILL POND SITE, DARTFORD.GPJ - v8_05 | 10/10/14 - 15:36 | CB. RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk.

Boring Progress and Water Observations						Chiselling / Slow Progress			General Remarks
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	To	Duration (hh:mm)	
All dimensions in metres								Scale: 1:56	
Method Used: Cable percussion		Plant Used: Cable tool rig		Drilled By: MB		Logged By: STrajkovski		Checked By:	



APPENDIX C

GROUNDWATER MONITORING RECORDS




IN-SITU GAS MONITORING RESULTS

[Pressures] Previous During Start End Equipment Used & Remarks

Round 1 : : : :
 Round 2 : : : :

Exploratory Position ID	Monitoring Round	Measured Installation Depth (mbgl)	Date & Time of Monitoring (elapsed time)	Borehole Pressure (mb)	Atmos Pressure (mb)	Gas Flow (l/hr)	Water Depth (mbgl)	Carbon Dioxide (% / vol)	Methane (% / vol)	Oxygen (% / vol)	LEL (%)	PID (ppm)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
BH1A	1	18.73	30/12/1899 10:55:00	1008	1008	-0.1	1.95	0.0	0.0	20.8	0.0	0.0	0.0	0.0
BH1A	2	18.67	22/08/2014 08:54:00	-	1010	-	2.05	-	-	-	-	-	-	-
BH2A	1	19.00	30/12/1899 10:40:00	1009	1008	0.1	1.95	0.0	0.0	20.9	0.0	0.0	0.0	0.0
BH2A	2	18.98	22/08/2014 08:47:00	-	1010	-	2.01	-	-	-	-	-	-	-
BH3	1	10.12	30/12/1899 11:00:00	1008	1008	-0.1	2.05	-	-	-	-	-	-	-
BH3	2	10.08	22/08/2014 09:02:00	-	1010	-	2.12	-	-	-	-	-	-	-
BH4	1	6.87	30/12/1899 12:00:00	1008	1008	0.1	2.12	-	-	-	-	-	-	-
BH4	2	6.87	22/08/2014 09:09:00	1008	1008	0.1	2.12	-	-	-	-	-	-	-

Key: I = Initial, P = Peak, SS = Steady State, Note: LEL = Lower Explosive Limit = 5% v/v.

 <p>RSK Environment Ltd 18 Frogmore Road Hemel Hempstead Hertfordshire HP3 9RT</p>	Contract: Mill Pond Site, Dartford	Checked By 	Date 11/09/14	Contract Ref: 27265
	Page: 1 of 1			



APPENDIX D LABORATORY CERTIFICATES FOR GEOTECHNICAL ANALYSIS



STRUCTURAL SOILS LTD
TEST REPORT



Report No. 582899-01 (00)

2652

Date 28-August-2014 Contract Mill Pond Site, Dartford

Client RSK
Address 18 Frogmore Rd
Apsley
Hemel Hempstead
Hertfordshire
HP3 9RT

For the Attention of Svetislav Trajkovski

Samples submitted by client	13-August-2014	Client Reference	27265
Testing Started	17-August-2014	Client Order No.	n/a
Testing Completed	27-August-2014	Instruction Type	Written

Tests marked 'Not UKAS Accredited' in this report are not included in the UKAS Accreditation Schedule for our Laboratory.

UKAS Accredited Tests

- 1.01 Moisture Content (oven drying method) BS1377:Part 2:1990:clause 3.2
- 1.03 Liquid Limit (one point method) & Plastic Limit BS1377:Part 2:1990,clause 4.4/5.3
- 1.10 Particle Size Distribution wet sieve method BS1377:Part 2:1990,clause 9.2
- 1.13a Particle Size Distribution sedimentation pipette method BS1377:Part 2:1990,clause 9.4

Undertaken by a sub-contractor

- 2.07 pH value in accordance with BRE Special Digest 1:2005
- 2.04 Sulphate content (water extract) in accordance with BRE Special Digest 1:2005

Not UKAS accredited

- 10.02 Saturated moisture content of chalk BS1377:Part 2:1990,clause 3.3

Please Note: Remaining samples will be retained for a period of one month from today and will then be disposed of .
Test were undertaken on samples 'as received' unless otherwise stated.
Opinions and interpretations expressed in this report are outside the scope of accreditation for this laboratory.

TESTING VERIFICATION CERTIFICATE



2652

The test results included in this report are certified as:-

ISSUE STATUS: FINAL

In accordance with Structural Soils Ltd Laboratory Quality Assurance Manual, Issue 6, January 2010 all results sheets and summaries of results issued by the laboratory are checked by an approved signatory. This check will also involve checking of at least 10% of calculations for each test type to ensure that data has been correctly entered into the computer and calculated. The integrity of the test data and results are ensured by control of the computer system employed by the laboratory as part of the Software Verification Program as detailed in the Laboratory Quality Assurance Manual.

This testing verification certificate covers all testing compiled on or before the following datetime: **28/08/2014 08:35:34**.

Testing reported after this date is not covered by this Verification Certificate.

Approved Signatory
Justin Barrett (Laboratory Manager)



STRUCTURAL SOILS
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT

Contract:

Mill Pond Site, Dartford

Job No:

582899

