



The Charvil Piggott Primary School (Car park) to the east of the site



BH1

August 2025

SITE PHOTOGRAPHS

25-07-12



TP1 (Made Ground – Engineered Fill) and CT1 to the rear



TP2 (Spoil Heap)

August 2025

SITE PHOTOGRAPHS

25-07-12



TP2 (Reworked Topsoil)



TP3

August 2025

SITE PHOTOGRAPHS

25-07-12



CT2



TP4

August 2025

SITE PHOTOGRAPHS

25-07-12



TP5



TP5

August 2025

SITE PHOTOGRAPHS

25-07-12



CT3



TP6

August 2025

SITE PHOTOGRAPHS

25-07-12



TP7 and SA4



TP8 (centre), CT5 (left), BH2 (right)

August 2025

SITE PHOTOGRAPHS

25-07-12



TP9



TP9

August 2025

SITE PHOTOGRAPHS

25-07-12



TP10



TP11

August 2025

SITE PHOTOGRAPHS

25-07-12



CT6



TP12

August 2025

SITE PHOTOGRAPHS

25-07-12

APPENDIX B



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Site Park Lane, Charvil, North Wokingham, RG10 9TR	Borehole Number BH1
Client Bellway Thames	Job Number 25-07-12
Engineer Lee Ashworth	Sheet 1/3

Machine : Dando 3000 Method : Cable Percussion	Casing Diameter	Ground Level (mOD) 39.93
	Location (Handheld GPS) 477656.309 E 175189.397 N	Dates 01/08/2025

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20-0.60	B					(0.60)	TOPSOIL - Loose light brown clayey sandy slightly gravelly SILT. Gravel is fine to coarse subrounded flint		
0.60-1.00	B				39.33	0.60 (0.40)	RIVER TERRACE DEPOSITS Very loose orange brown very clayey moist silty gravelly SAND. Gravel is fine to coarse subangular to subrounded flint and quartzite		
1.00-1.45	SPT N=6			1,1/1,1,2,2	38.93	1.00	RIVER TERRACE DEPOSITS Soft to firm grey brown orange silty slightly gravelly CLAY. Gravel is fine to medium flint, quartzite, and chalk. Becoming less gravelly past 1.5m		
1.20-1.65	D					(1.00)			
2.00-2.45	SPT N=8			1,1/2,2,2,2	37.93	2.00	LAMBETH GROUP Firm grey brown silty slightly gravelly CLAY. Gravel is fine subangular chalk with rare horizons of red silty gravel		
2.00	D								
2.00-2.45	D								
2.00-2.50	B								
3.00-3.45	SPT N=12			1,1/2,3,3,4		(2.50)			
3.00	D								
3.00-3.45	D								
4.00	D								
4.00-4.45	UT				35.43	4.50	LAMBETH GROUP - Firm to stiff dark grey silty CLAY		
4.60-5.00	B					(0.70)			
5.00-5.45	SPT N=16			1,2/2,4,5,5	34.73	5.20	LAMBETH GROUP - Stiff dark grey silty CLAY		
5.00	D								
5.00-5.45	D								
6.00	D					(1.30)			
6.50-6.95	UT				33.43	6.50	LAMBETH GROUP - Dense dark grey green very sandy slightly clayey SILT with shell debris		
7.00	D					(2.40)			
8.00	D			Water strike(1) at 7.90m, no rise after 20 mins. 3,5/6,6,5,5					
8.00-8.45	D								
8.00-8.45	SPT N=22								
9.00	D				31.03	8.90 (0.60)	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of silty GRAVEL. Gravel is very weak white chalk (Grade Dc)		
9.50-9.95	SPT N=14			1,2/2,3,4,5	30.43	9.50	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of gravelly SILT. Gravel is very weak white chalk (Grade Dm)		
9.50-9.95	D								

Remarks

Scale (approx)
1:50
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Figure No.
25-07-12.BH1



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Borehole

Number

BH1

Machine : Dando 3000

Method : Cable Percussion

Casing Diameter**Ground Level (mOD)**

39.93

Client

Bellway Thames

Job

Number

25-07-12

Location (Handheld GPS)

477656.309 E 175189.397 N

Dates

01/08/2025

Engineer

Lee Ashworth

Sheet

2/3

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
10.00	D					(1.00)			
					29.43	10.50	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of silty GRAVEL. Gravel is very weak medium dense white chalk (Grade Dc)		
11.00-11.45	SPT N=17			3,3/3,4,5,5					
11.00	D								
11.00-11.45	D								
12.00	D								
12.50-12.95	SPT N=15			2,2/3,4,4,4					
12.50-12.95	D								
13.00	D								
14.00-14.45	SPT N=17			3,3/4,4,4,5					
14.00	D								
14.00-14.45	D								
15.00	D								
15.50-15.95	SPT N=32			4,5/7,7,9,9					
15.50-15.95	D								
16.00	D								
17.00-17.39	SPT 50/240			8,9/11,11,22,6			Flint gravel at 17m		
17.00	D								
17.00-17.39	D								
18.00	D					(14.50)			
18.00	D								
18.50-18.95	SPT N=32			4,6/6,6,9,11					
18.50-18.95	D								
19.00	D								
20.00-20.45	SPT N=36			7,7/8,8,9,11					

Remarks

Scale (approx)

1:50

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Figure No.

25-07-12.BH1





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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

**Borehole
Number**

BH1

Machine : Dando 3000

Method : Cable Percussion

Casing Diameter**Ground Level (mOD)**

39.93

Client

Bellway Thames

**Job
Number**

25-07-12

Location (Handheld GPS)

477656.309 E 175189.397 N

Dates

01/08/2025

Engineer

Lee Ashworth

Sheet

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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
20.00 20.00-20.45	D D						Significant flint seam between 20m - 21m		
21.00	D								
21.50-21.73 21.50-21.73	SPT 50/80 D			7,8/22,28,0,0					
22.00	D								
23.00-23.45 23.00	SPT N=50 D			7,9/10,16,10,14					
23.50-23.95	D								
					14.93	25.00	Complete at 25.00m		
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

Remarks

Scale
(approx)

1:50

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Figure No.

25-07-12.BH1





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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Borehole
Number
BH2

Machine : Dando 2000	Casing Diameter	Ground Level (mOD) 46.17	Client Bellway Thames	Job Number 25-07-12
Method : Cable Percussion	Location (Handheld GPS) 477429.291 E 175221.091 N	Dates 01/08/2025	Engineer Lee Ashworth	Sheet 1/3

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20-0.50 0.30 0.50-1.00	B D B				45.97	(0.20) 0.20	TOPSOIL - Loose light brown slightly gravelly SILT		
1.00	D			2,3/6,8,8,8	45.17	(0.80) 1.00	RIVER TERRACE DEPOSITS Medium dense light brown gravelly SILT. Gravel is fine to coarse subangular to subrounded flint and quartzite		
1.20-1.65 1.20-1.65 1.50-2.00	SPT N=30 D B					(1.50)	RIVER TERRACE DEPOSITS Very dense orange brown slightly gravelly SAND. Gravel is fine to coarse subangular to subrounded flint		
2.00	D			2,7/7,10,14,16	43.67	2.50	RIVER TERRACE DEPOSITS Dense orange brown coarse GRAVEL. Gravel is fine to coarse subrounded flint		
2.20-2.65 2.20-2.65	SPT N=47 D					(2.30)			
2.70	D			3,14/20,22,8,0					
3.20-3.51	SPT(C) 50/160								
4.20-4.65	SPT(C) N=32			3,5/5,7,8,12					
4.80	D				41.37	4.80	RIVER TERRACE DEPOSITS Very dense slightly clayey silty gravelly SAND. Gravel is fine to medium subangular flint and quartzite		
5.20-5.65 5.20-5.65	SPT N=31 D			3,4/6,7,8,10		(1.20)			
6.00	D				40.17	6.00	RIVER TERRACE DEPOSITS Very dense light brown fine to medium SAND		
6.50-6.95 6.50-6.95	SPT N=40 D			5,7/7,10,11,12		(2.00)			
8.00-8.36 8.00-8.36	SPT 50/210 D			3,4/10,22,18,0	38.17	8.00	LAMBETH GROUP Stiff dark grey green silty CLAY with shell debris and calcerous horizons		
9.50-9.95 9.50-9.95 9.60	SPT N=28 D D			3,5/5,8,6,9					

Remarks

Scale
(approx)
1:50

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Figure No.
25-07-12.BH2



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Borehole
Number
BH2

Machine : Dando 2000

Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

46.17

Client

Bellway Thames

Job
Number
25-07-12

Location (Handheld GPS)

477429.291 E 175221.091 N

Dates

01/08/2025

Engineer

Lee Ashworth

Sheet
2/3

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
10.00	B								
10.45-10.60	D					(5.70)			
11.00-11.45	UT								
11.45-11.50	D								
12.50-12.95 12.50	SPT N=39 D			5,7/8,9,11,11					
13.70	D				32.47	13.70	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of gravelly SILT with rare fine parts of brown silt (Grade Dm)		
14.00-14.45	UT			Water strike(1) at 13.90m, rose to 13.00m in 20 mins.		(2.30)			
14.45-14.50 14.45-14.60 14.50-15.00	D D B								
15.50-15.95 15.50-15.95	SPT N=23 D			4,5/6,7,5,5	30.17	16.00	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of silty GRAVEL. Gravel is weak medium dense white chalk and rare flint (Grade Dc)		
17.00-17.45	UT					(2.50)			
17.45-1.50	D								
18.00	D								
18.50-18.88 18.50-18.88	SPT 53/230 D			4,5/8,13,22,10	27.67	18.50	WHITE CHALK SUBGROUP - Structureless off-white CHALK composed of gravelly SILT with rare fine parts of brown silt (Grade Dm)		
19.50	D								

Remarks

Scale (approx)

1:50

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Figure No.

25-07-12.BH2





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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Borehole
Number

BH2

Machine : Dando 2000

Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

46.17

Client

Bellway Thames

Job

Number

25-07-12

Location (Handheld GPS)

477429.291 E 175221.091 N

Dates

01/08/2025

Engineer

Lee Ashworth

Sheet

3/3

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
20.00-20.45	UT								
21.00	D								
21.50-21.95 21.50-21.95	SPT N=49 D			7,14/9,12,12,16		(6.50)			
22.50	D								
23.00-23.38 23.00-23.38	SPT 50/230 D			8,11/12,16,18,4					
24.50-24.92 24.50-24.92	SPT 56/270 D			9,12/12,16,16,12					
25.00	D				21.17	25.00	Complete at 25.00m		

Remarks

Scale
(approx)

1:50

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Figure No.

25-07-12.BH2





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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT1

Machine : Window Sampler
Method : Drive-in Windowless Sampler

Dimensions
87mm to 3.0m
77mm to 4.0m

Ground Level (mOD)
40.10

Client
Bellway Thames

Job Number
25-07-12

Location (Handheld GPS)
477661.62 E 175235.966 N

Dates
06/08/2025

Engineer
Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10	D				(0.70)	MADE GROUND - Medium dense brown fine to medium SAND AND GRAVEL with brick and concrete cobbles. Gravel is fine to coarse angular		
0.70	D			39.40	0.70	RIVER TERRACE DEPOSITS Medium dense orange brown and light grey fine SAND with thick bands of light grey silt		
1.00-1.45 1.00	SPT N=15 D	1.50	2,2/2,2,5,6					
1.50	D		Water strike(1) at 1.50m, no rise after 20 mins.					
2.00-2.45 2.00	SPT N=25 D		4,4/5,6,7,7		(2.80)			
2.50	D							
3.00-3.45 3.00	SPT N=7 D		1,1/3,2,1,1					
3.50	D			36.60	3.50	RIVER TERRACE DEPOSITS Loose light grey fine SAND with black organic fine sand inclusions		
					(0.50)			
				36.10	4.00	Borehole collapsed in to 3.10m, then collapsed in to 1.50m on removal of casing Continued with probe (P1) Complete at 4.00m		

Remarks

Scale (approx)
1:25

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Figure No.
25-07-12.CT1



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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT2

Machine : Window Sampler
Method : Drive-in Windowless Sampler

Dimensions
87mm to 2.0m 57mm to 5.0m
77mm to 3.0m
67mm to 4.0m

Ground Level (mOD)
39.61

Client
Bellway Thames

Job Number
25-07-12

Location (Handheld GPS)
477690.746 E 175194.834 N

Dates
06/08/2025

Engineer
Lee Ashworth

Sheet
1/2

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.10	D				(0.50)	TOPSOIL - Loose dark brown sandy slightly gravelly TOPSOIL. Gravel is fine to medium angular			
0.50	D			39.11	0.50 (0.45)	RIVER TERRACE DEPOSITS Loose orange brown and brown slightly silty slightly gravelly fine SAND. Gravel is fine to coarse angular			
0.95 1.00 1.00-1.45	D PP 125kPa SPT N=6		2,2/2,1,1,2	38.66	0.95	LAMBETH GROUP Soft orange brown and light grey silty CLAY			
1.50 1.50	PP 50kPa D				(1.05)				
2.00 2.00-2.45 2.00	PP 37.5kPa SPT N=11 D		1,2/2,3,2,4	37.61	2.00	LAMBETH GROUP Soft to firm light grey and occasional brown silty CLAY			
2.50	D								
3.00 3.00-3.45 3.00	PP 50kPa SPT N=13 D		2,2/3,3,3,4		(2.50)				
3.50 3.50	PP 75kPa D								
4.00 4.00-4.45 4.00	PP 87.5kPa SPT N=16 D		2,3/4,4,4,4						
4.50 4.50	PP 87.5kPa D			35.11	4.50 (0.50)	LAMBETH GROUP Firm to stiff dark grey CLAY			
5.00	PP 112.5kPa								

Remarks

Scale (approx)
1:25

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Figure No.
25-07-12.CT2



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT2

Machine : Window Sampler

Method : Drive-in Windowless Sampler

Dimensions

87mm to 2.0m	57mm to 5.0m
77mm to 3.0m	
67mm to 4.0m	

Ground Level (mOD)

39.61

Client	
---------------	--

Bellway Thames

**Job
Number**
25-07-12

Location (Handheld GPS)

477690.746 E 175194.834 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
2/2

Depth
(m)

Sample / Tests

Water
Depth
(m)

Field Records

Level
(mOD)Depth
(m)
(Thickness)

Description

Legend

Water

Instr

34.61

5.00

Continued with probe (P2)

Complete at 5.00m

Remarks

Scale (approx)

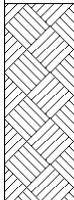
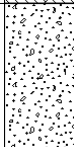
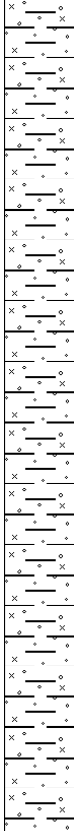
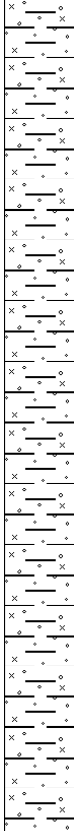
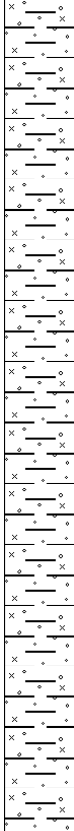
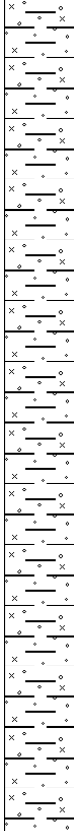
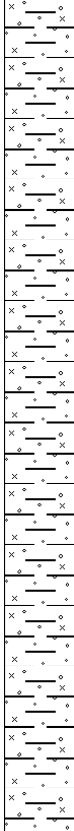
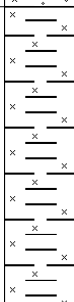
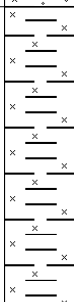
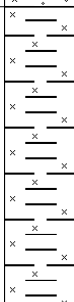
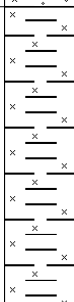
1:25

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Figure No.

25-07-12.CT2

 www.geo-integrity.co.uk info@geo-integrity.co.uk 01280 816409				Site Park Lane, Charvil, North Wokingham, RG10 9TR		Number CT3			
Machine : Window Sampler Method : Drive-in Windowless Sampler		Dimensions 87mm to 1.0m 57mm to 5.0m 77mm to 2.0m 67mm to 3.0m		Ground Level (mOD) 43.03		Client Bellway Thames		Job Number 25-07-12	
		Location (Handheld GPS) 477581.9 E 175176.166 N		Dates 06/08/2025		Engineer Lee Ashworth		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
0.10	D		9,9/5,4,3,3	42.33	(0.70)	TOPSOIL - Loose dark brown sandy gravelly TOPSOIL. Gravel is fine to medium angular			
0.70	D				0.70	RIVER TERRACE DEPOSITS Medium dense brown fine to medium SAND AND GRAVEL. Gravel is fine to medium angular of flint			
1.00-1.45	SPT N=15				(0.50)				
1.20	D				1.20	LAMBETH GROUP Firm to stiff orange brown and light grey silty slightly gravelly CLAY. Gravel is medium sub-angular of flint			
1.50 1.50	PP 112.5kPa D	1,2/3,3,3,4		41.83	(2.80)				
2.00 2.00-2.45 2.00	PP 100kPa SPT N=13 D								
2.50 2.50	PP 87.5kPa D								
3.00 3.00-3.45 3.00	PP 125kPa SPT N=20 D					2,3/4,4,6,6			
3.50 3.50	PP 125kPa D	3,3/4,4,4,6		39.03	4.00	LAMBETH GROUP Stiff light grey and occasional brown silty CLAY			
4.00 4.00-4.45 4.00	PP 75kPa SPT N=18 D								
4.50	D								
5.00 5.00-5.45	PP 87.5kPa SPT N=21					3,4/4,4,6,7			
Remarks								Scale (approx) 1:25	Logged By LA
								Figure No. 25-07-12.CT3	



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Site Park Lane, Charvil, North Wokingham, RG10 9TR	Number CT4
Client Bellway Thames	Job Number 25-07-12
Engineer Lee Ashworth	Sheet 1/1

Machine : Window Sampler	Dimensions 87mm to 2.0m 77mm to 2.5m 67mm to 3.0m	Ground Level (mOD) 45.33
Method : Drive-in Windowless Sampler	Location (Handheld GPS) 477467.194 E 175288.582 N	Dates 06/08/2025

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10	D				(0.30)	TOPSOIL - Loose dark brown sandy slightly gravelly TOPSOIL. Gravel is fine to medium angular		
0.30	D			45.03	0.30 (0.55)	RIVER TERRACE DEPOSITS - Medium dense brown slightly gravelly fine SAND with fine roots. Gravel is fine to medium angular		
0.85 1.00 1.00-1.45	D PP 250kPa SPT N=16		4,4/3,3,4,6	44.48	0.85 (0.55)	RIVER TERRACE DEPOSITS Very stiff brown sandy gravelly CLAY. Gravel is fine to medium angular of flint		
1.40	D			43.93	1.40	RIVER TERRACE DEPOSITS Very dense becoming very dense light brown slightly gravelly fine SAND. Gravel is fine to medium angular		
2.00-2.45 2.00	SPT N=56 D		8,8/12,13,14,17		(1.60)			
2.50	D							
3.00-3.45	SPT N=107		14,15/30,24,26,27	42.33	3.00	Very little penetration Complete at 3.00m		

Remarks	Scale (approx)	Logged By
	1:25	LA
	Figure No. 25-07-12.CT4	



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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT5

Machine : Window Sampler
Method : Drive-in Windowless Sampler

Dimensions
87mm to 2.0m 57mm to 5.0m
77mm to 3.0m
67mm to 4.0m

Ground Level (mOD)
46.00

Client
Bellway Thames

Job
Number
25-07-12

Location (Handheld GPS)
477392.326 E 175171.3 N

Dates
06/08/2025

Engineer
Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.05	D				(0.20)	TOPSOIL - Loose dark brown sandy TOPSOIL			
0.20	D			45.80	0.20				
					(0.30)	RIVER TERRACE DEPOSITS Medium dense orange brown and light brown clayey gravelly fine SAND. Gravel is fine to medium angular of flint			
0.50	D			45.50	0.50				
						RIVER TERRACE DEPOSITS Firm orange brown and light grey silty slightly gravelly CLAY with occasional pockets of fine sand. Gravel is fine to medium angular			
1.00	PP 50kPa		1,2/2,2,4,4		(1.50)				
1.00-1.45	SPT N=12								
1.00	D								
1.50	PP 87.5kPa								
1.50	D								
2.00	PP 112.5kPa		3,3/5,5,6,6	44.00	2.00	RIVER TERRACE DEPOSITS Firm light grey and occasional brown silty sandy CLAY			
2.00-2.45	SPT N=22				(0.60)				
2.00	D								
2.60	D			43.40	2.60	RIVER TERRACE DEPOSITS Medium dense orange brown and light grey fine SAND			
					(0.50)				
3.00-3.45	SPT N=16		3,4/4,3,4,5	42.90	3.10	RIVER TERRACE DEPOSITS Stiff orange brown and light grey silty CLAY			
3.10	D								
3.50	PP 150kPa								
3.50	D								
4.00	PP 162.5kPa		3,4/4,4,6,6		(1.90)				
4.00-4.45	SPT N=20								
4.00	D								
4.50	PP 125kPa								
4.50	D								
5.00	PP 150kPa		4,4/4,4,5,7	41.00	5.00				
5.00-5.45	SPT N=20								

Remarks

Scale (approx)
1:25

Logged By
LA

Figure No.
25-07-12.CT5



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT6

Machine : Window Sampler

Dimensions

87mm to 1.0m

Ground Level (mOD)

44.96

Client

Bellway Thames

Job
Number
25-07-12

Method : Drive-in Windowless
Sampler

Location (Handheld GPS)

477463.416 E 175163.728 N

Dates

07/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D			44.76	(0.20) 0.20	TOPSOIL - Loose dark brown sandy gravelly TOPSOIL. Gravel is fine to medium angular		
0.50	D				(0.80)	RIVER TERRACE DEPOSITS Dense becoming very dense brown fine to medium SAND AND GRAVEL. Gravel is fine to coarse angular of flint		
				43.96	1.00	Very little penetration, Borehole collapsed in to 0.40m Complete at 1.00m		

Remarks

Scale
(approx)

1:25

Logged
By

LA

Figure No.

25-07-12.CT6



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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Number
CT7

Machine : Window Sampler Method : Drive-in Windowless Sampler	Dimensions 87mm to 1.0m	Ground Level (mOD) 44.94	Client Bellway Thames	Job Number 25-07-12
	Location (Handheld GPS) 477463.406 E 175163.806 N	Dates 07/08/2025	Engineer Lee Ashworth	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10	D				(0.40)	TOPSOIL - Loose dark brown and brown sandy gravelly TOPSOIL. Gravel is fine to medium angular		
0.40	D			44.54	0.40 (0.60)	RIVER TERRACE DEPOSITS Very dense brown fine to medium SAND AND GRAVEL. Gravel is fine to coarse angular of flint		
1.00-1.38	SPT 127/230		14,14/31,46,50	43.94	1.00	Complete at 1.00m		

Remarks	Scale (approx)	Logged By
	1:25	LA
	Figure No. 25-07-12.CT7	

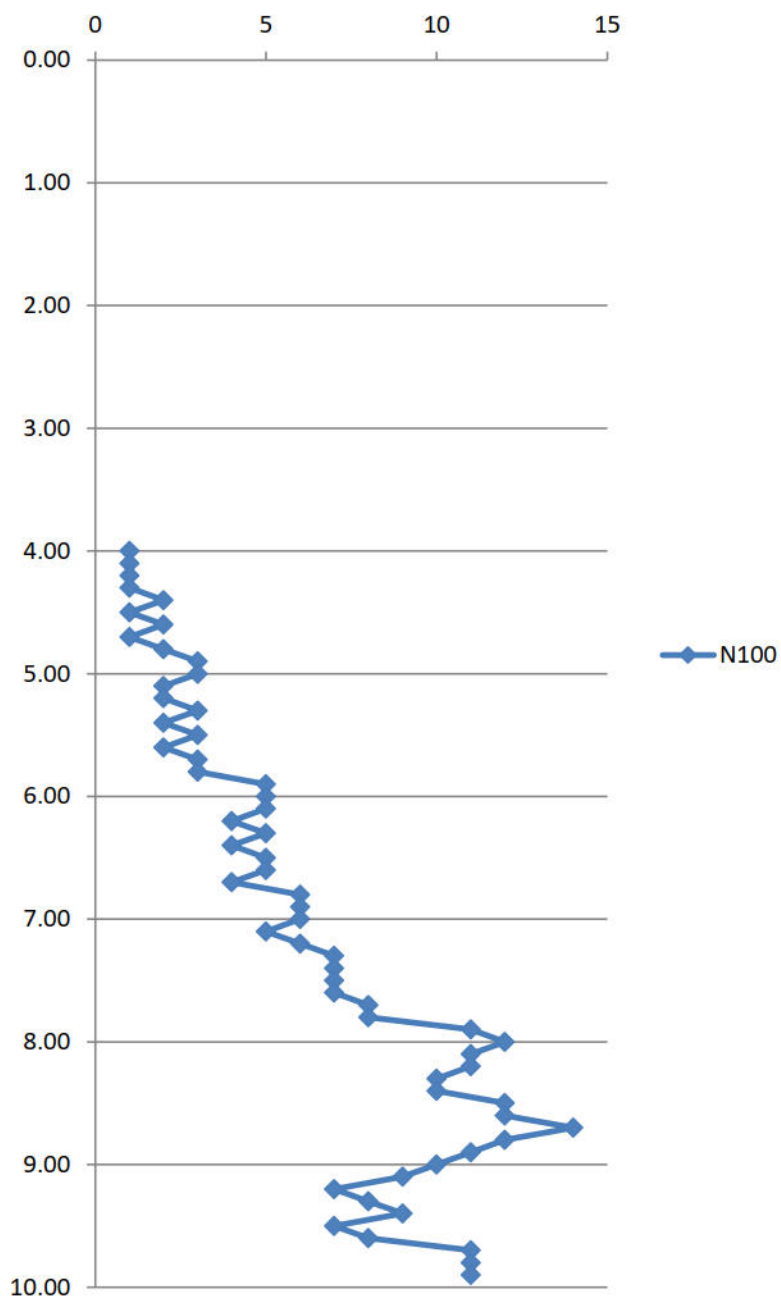


SUPER HEAVY DYNAMIC PROBE - P1 (CT1)

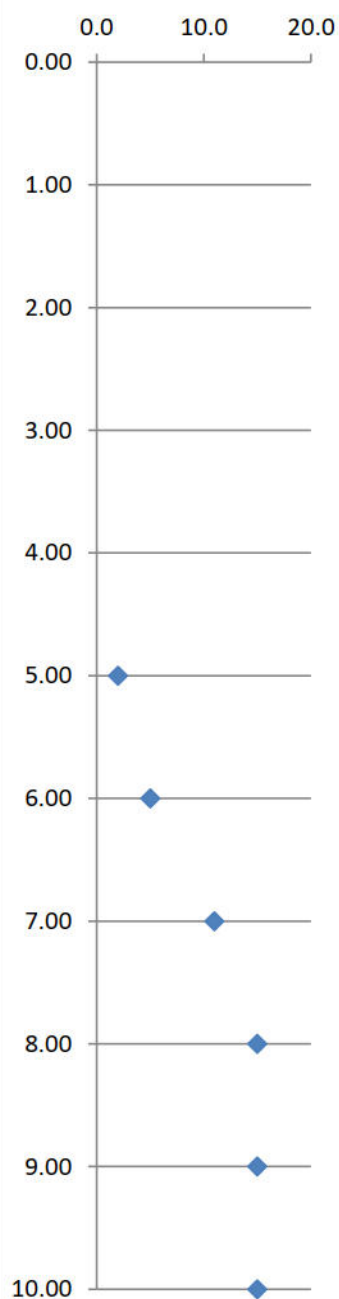
PROJECT NUMBER ,25-07-12
PROJECT NAME Park Lane, Charvil
CLIENT Bellway Thames
DRILLING DATE 06/08/2025

EASTINGS 477661.6
NORTHINGS 175236.0
HAMMER WEIGHT 63.5KG
HAMMER DROP 0.76m

N100



Torque



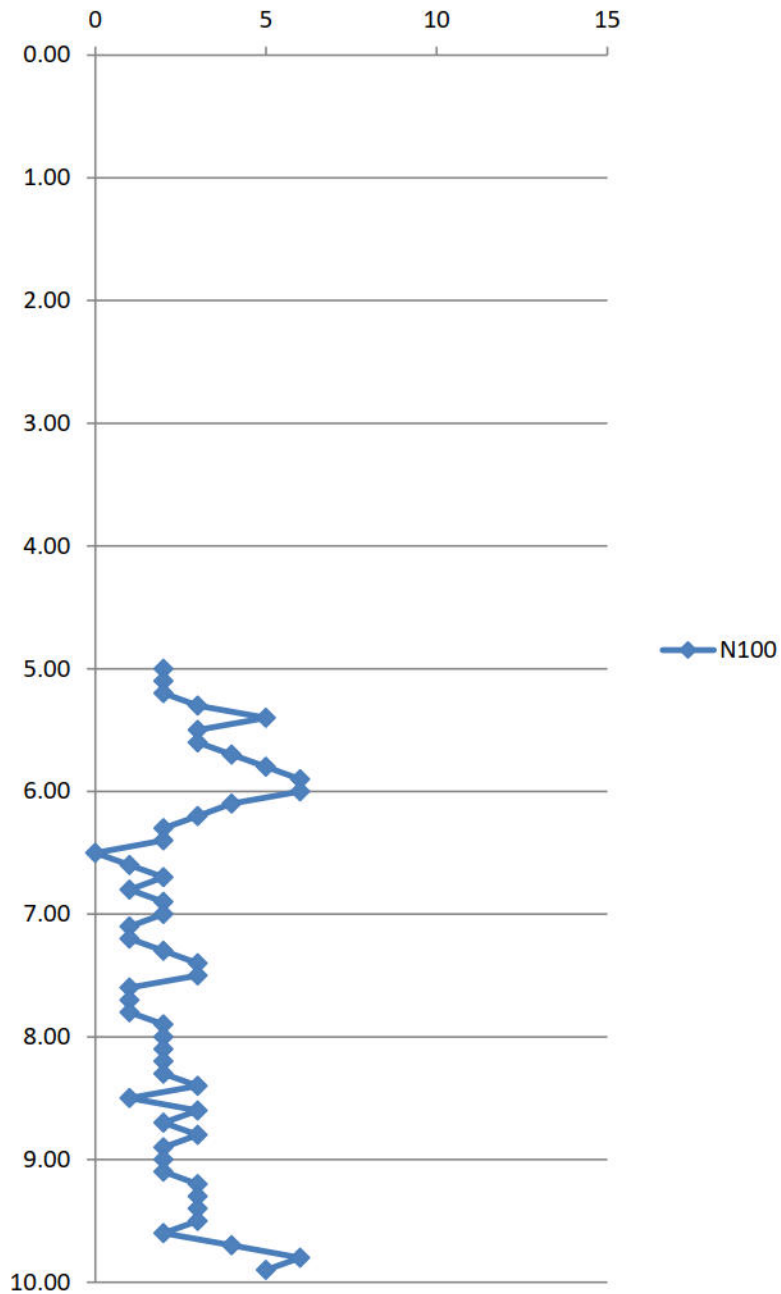


SUPER HEAVY DYNAMIC PROBE - P2 (CT2)

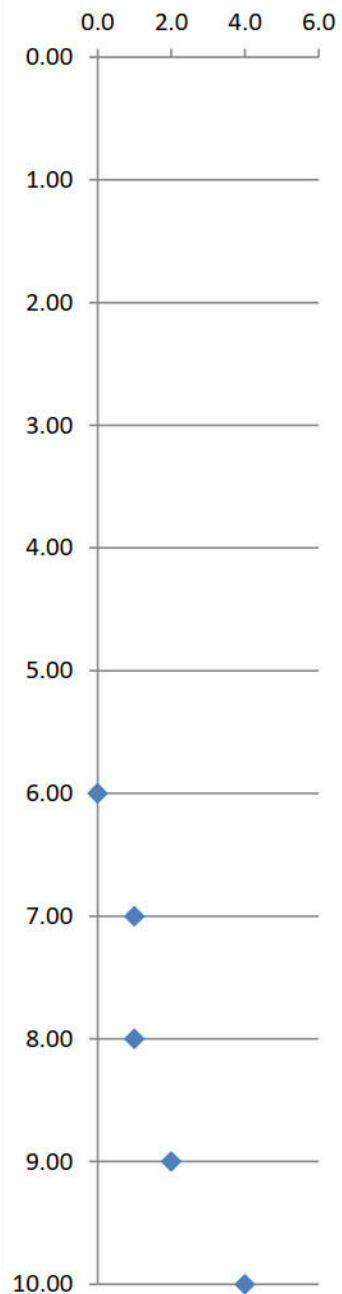
PROJECT NUMBER ,25-07-12
PROJECT NAME Park Lane, Charvil
CLIENT Bellway Thames
DRILLING DATE 06/08/2025

EASTINGS 477690.7
NORTHINGS 175194.8
HAMMER WEIGHT 63.5KG
HAMMER DROP 0.76m

N100



Torque





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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit Number
TP1

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

40.62

Client

Bellway Thames

Job Number
25-07-12

Location (Handheld GPS)

477665.807 E 175212.828 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D				(0.30)	MADE GROUND (Hardcore) - (Medium dense) brown silty sandy GRAVEL. Gravel is fine to coarse brick rubble, flint, aggregate, concrete, metal, tile and wood. Membrane at base		
				40.32	0.30			
					(0.70)	RIVER TERRACE DEPOSITS Loose green brown slightly clayey gravelly SAND. Gravel is fine to coarse subangular to subrounded flint and quartzite		
0.75	D							
				39.62	1.00			
1.20	D				(0.70)	RIVER TERRACE DEPOSITS Firm grey green orange slightly sandy slightly gravelly CLAY with calcerous horizons and fine partings of sand. Gravel is medium flint		
				38.92	1.70			
					(0.60)	LAMBETH GROUP Firm dark grey silty CLAY with calcerous horizons		
2.00 2.00	SV 73.33kPa D		60,80,80/Av. 73.33					
				38.32	2.30			
						Complete at 2.30m		

Plan

Remarks

Scale (approx)

1:25

Logged By

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Figure No.

25-07-12.TP1



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

**Trial Pit
Number**
TP2

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

43.70

Client	
---------------	--

Bellway Thames

Job Number
25-07-12

Location (Handheld GPS)

477632.783 E 175205.073 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth
(m)

Sample / Tests

Water
Depth
(m)

Field Records

Level
(mOD)Depth
(m)
(Thickness)

Description

Legend

Water

0.50

D

2.50

D

41.20

2.50

REWORKED TOPSOIL - Loose brown organic slightly sandy gravelly SILT. Gravel is fine to coarse subangular flint

Complete at 2.50m

Plan

Remarks



Scale (approx)

1:25

Logged By

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Figure No.

25-07-12.TP2



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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit Number
TP3

Machine : Mini Digger Method : Trial Pit	Dimensions	Ground Level (mOD) 42.38	Client Bellway Thames	Job Number 25-07-12
	Location (Handheld GPS) 477609.726 E 175203.475 N	Dates 06/08/2025	Engineer Lee Ashworth	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D				(0.40)	MADE GROUND - (Medium dense) grey brown silty SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded brick, concrete, plywood, and flint		
				41.98	0.40	RIVER TERRACE DEPOSITS Loose dark grey clayey gravelly SILT		
0.75	D				(0.60)			
				41.38	1.00	RIVER TERRACE DEPOSITS Soft to firm light brown orange silty sandy gravelly CLAY. Gravel is fine to medium subangular flint and quartzite		
1.50	D				(0.80)			
				40.58	1.80	RIVER TERRACE DEPOSITS Loose light grey clayey SILT		
2.00	D				(0.40)			
				40.18	2.20	Complete at 2.20m		

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Scale (approx)					Logged By			Figure No.			
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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit Number
TP4

Machine : Mini Digger Method : Trial Pit	Dimensions	Ground Level (mOD) 40.82	Client Bellway Thames	Job Number 25-07-12
	Location (Handheld GPS) 477627.227 E 175174.01 N	Dates 06/08/2025	Engineer Lee Ashworth	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D			40.52	(0.30) 0.30	TOPSOIL - Loose light brown gravelly SILT		
0.75	D				(1.00)	RIVER TERRACE DEPOSITS (Loose to medium dense) orange brown SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite		
2.00 2.00	SV 150kPa D		130,140,180/Av. 150.00	39.52	1.30 (0.80)	LAMBETH GROUP Firm grey green brown slightly sandy silty CLAY		
				38.72	2.10	Complete at 2.10m		

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										Remarks



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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit Number
TP5

Machine : Mini Digger Method : Trial Pit	Dimensions	Ground Level (mOD) 44.10	Client Bellway Thames	Job Number 25-07-12
	Location (Handheld GPS) 477479.502 E 175145.032 N	Dates 06/08/2025	Engineer Lee Ashworth	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D			43.80	(0.30) 0.30	TOPSOIL - Loose light brown gravelly SILT		
0.75	D			43.20	(0.60) 0.90	RIVER TERRACE DEPOSITS (Dense) light brown very silty SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite		
2.00	D				(1.70)	RIVER TERRACE DEPOSITS Medium dense orange brown slightly clayey slightly silty SAND AND GRAVEL Damp Saturated		
				41.50	2.60 (0.20)	RIVER TERRACE DEPOSITS Loose green grey SAND		
				41.30	2.80	Wet at base Complete at 2.80m		

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										Remarks



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

**Trial Pit
Number**
TP6

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

43.10

Client

Bellway Thames

Job Number
25-07-12

Location

477533.962 E 175162.215 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.40	D			42.90	(0.20)	TOPSOIL - Loose light brown gravelly SILT		
					0.20	SUBSOIL - Loose light brown silty gravelly SAND		
					(0.40)			
1.00	D			42.50	0.60	RIVER TERRACE DEPOSITS Firm orange grey very silty slightly gravelly CLAY. Gravel is medium subrounded flint		
					(1.20)			
2.00	D			41.30	1.80	RIVER TERRACE DEPOSITS Loose grey orange brown (moist) silty clayey gravelly SAND. Gravel is fine to coarse subangular to subrounded flint		
					(0.40)			
					2.20	Complete at 2.20m		

Plan

Remarks



Scale (approx)

1:25

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Figure No.

25-07-12.TP6



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit Number
TP7

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

44.27

Client

Bellway Thames

**Job
Number**
25-07-12

Location (Handheld GPS)

477390.713 E 175117.054 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10	D			44.12	(0.15) 0.15	TOPSOIL - Loose light brown gravelly SILT		
0.50	D				(0.55)	RIVER TERRACE DEPOSITS (Medium dense) brown sandy GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite		
				43.57	0.70 (0.30)	RIVER TERRACE DEPOSITS Loose orange brown gravelly SAND. Gravel is fine to coarse subangular to subrounded flint and quartzite		
				43.27	1.00	RIVER TERRACE DEPOSITS (Medium dense) orange brown (moist) SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite		
2.00	D				(1.80)			
				41.47	2.80	Complete at 2.80m		

Plan

Remarks



Scale (approx)

1:25

Logged By

LA

Figure No.

25-07-12.TP7



Site	Park Lane, Charvil, North Wokingham, RG10 9TR
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**Trial Pit
Number**
TP8

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

46.30

Client

Bellway Thames

Job

Number
25-07-12

Location (Handheld GPS)

477391.946 E 175171.465 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet

1/1

Plan											Remarks
											
											Scale (approx) 1:25
											Logged By LA
											Figure No. 25-07-12.TP8

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Site	Park Lane, Charvil, North Wokingham, RG10 9TR
------	---

**Trial Pit
Number**
TP9

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

47.83

Client

Bellway Thames

Job

Number
25-07-12

Location (Handheld GPS)

477361.941 E 175249.484 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet

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Plan											Remarks
											
											Scale (approx) 1:25
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											Figure No. 25-07-12.TP9

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Site
Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit
Number
TP10

Machine : Mini Digger
Method : Trial Pit

Dimensions

Ground Level (mOD)
47.57

Client
Bellway Thames

Job
Number
25-07-12

Location (Handheld GPS)
477412.34 E 175277.546 N

Dates
06/08/2025

Engineer
Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.00	D			46.92	0.65 (0.65)	TOPSOIL / SUBSOIL - Loose light brown organic slightly clayey gravelly SILT. Gravel is fine to coarse subangular flint and quartzite		
				46.27	1.30 (0.65)	RIVER TERRACE DEPOSITS (Very dense) orange brown SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite with cobbles/boulders of flint		
1.50	D			45.27	2.30 (1.00)	RIVER TERRACE DEPOSITS (Loose to medium dense) orange grey brown slightly clayey gravelly SAND with lenses of green grey very silty clay		
						Complete at 2.30m		

Plan

Remarks

Scale (approx)

1:25

Logged By

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Figure No.

25-07-12.TP10





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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit
Number

TP11

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

44.73

Client

Bellway Thames

Job
Number

25-07-12

Location (Handheld GPS)

477471.445 E 175255.959 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet

1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.30	D			44.23	(0.50) 0.50 (0.50)	TOPSOIL / SUBSOIL - Loose light brown organic slightly clayey gravelly SILT. Gravel is fine to coarse subangular flint and quartzite		
				43.73	1.00	RIVER TERRACE DEPOSITS (Loose to medium dense) light brown very silty gravelly SAND. Gravel is fine to coarse subangular to subrounded flint		
1.50	D			42.53	(1.20) 2.20	RIVER TERRACE DEPOSITS (Loose to medium dense) orange brown gravelly SAND		
						Complete at 2.20m		

Plan



Remarks



Scale (approx)

1:25

Logged By

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Figure No.

25-07-12.TP11



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

**Trial Pit
Number**
TP12

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

44.32

Client

Bellway Thames

**Job
Number**
25-07-12

Location (Handheld GPS)

477508.257 E 175193.704 N

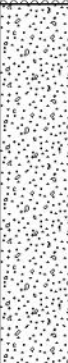
Dates

06/08/2025

Engineer

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Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.50	D			43.32	(1.00)	MADE GROUND / REWORKED GROUND - Loose light brown organic slightly clayey gravelly SILT. Gravel is fine to coarse subangular flint and quartzite, with wood, plastic molds (possible motorcycle parts), and metal		
					1.00	RIVER TERRACE DEPOSITS Medium dense orange brown slightly silty SAND AND GRAVEL. Gravel is fine to coarse subangular to subrounded flint and quartzite		
					(1.20)			
2.40	D			42.12 41.92	2.20 (0.20)	RIVER TERRACE DEPOSITS Medium dense black slightly silty GRAVEL (Possibly organic)		
					2.40	Complete at 2.40m		

Plan

Remarks



Scale (approx)

1:25

Logged By

LA

Figure No.

25-07-12.TP12



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Site

Park Lane, Charvil, North Wokingham, RG10 9TR

Trial Pit
Number
TP13

Machine : Mini Digger

Method : Trial Pit

Dimensions

Ground Level (mOD)

47.78

Client

Bellway Thames

Job
Number
25-07-12

Location (Handheld GPS)

477469.869 E 175195.997 N

Dates

06/08/2025

Engineer

Lee Ashworth

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D					REWORKED GROUND - Loose brown organic slightly clayey gravelly SILT. Gravel is fine to coarse subangular to subrounded flint and quartzite		
2.80	D			44.98	2.80	Complete at 2.80m		

Plan



Remarks



Scale (approx)

1:25

Logged By

EM

Figure No.

25-07-12.TP13

Trial Pit Infiltration Testing to BRE Digest 365

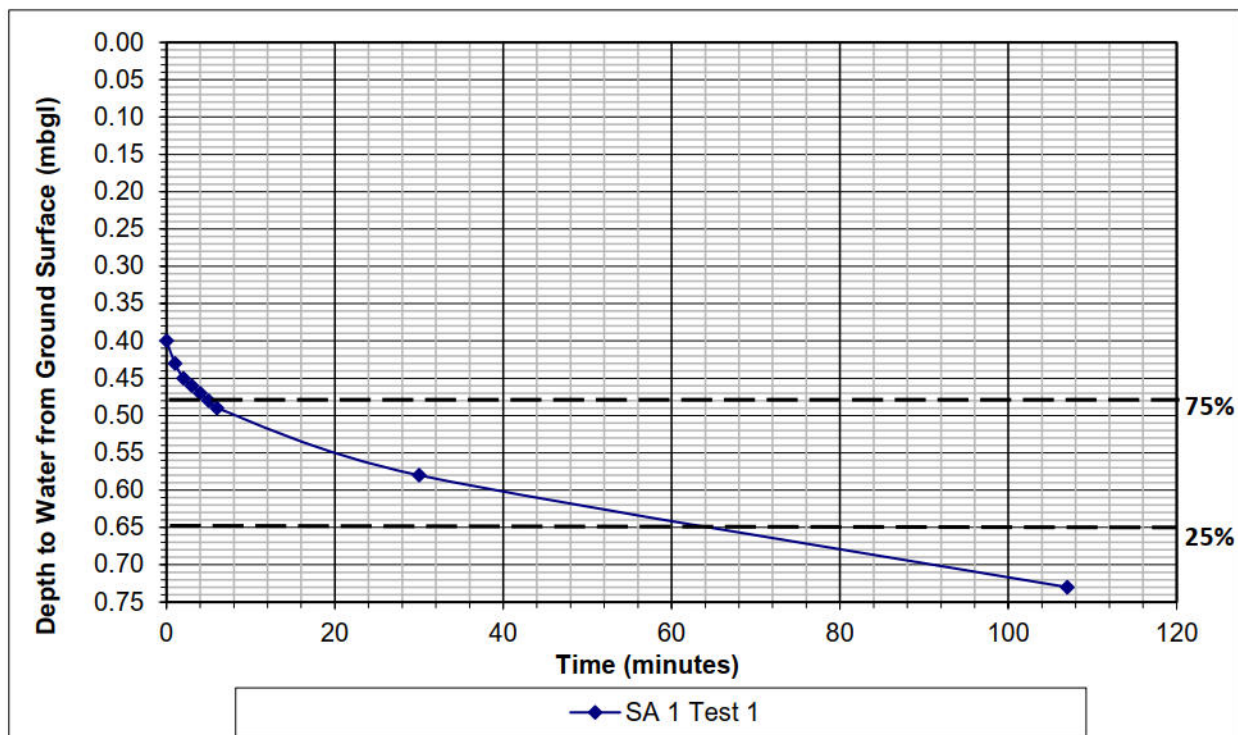
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.50m x 0.73m
 (width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA1

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.40	30	0.58		
1	0.43	107	0.73		
2	0.45				
3	0.46				
4	0.47				
5	0.48				
6	0.49				

Soil Infiltration Rate: 2.44×10^{-5} m/s



Trial Pit Infiltration Testing to BRE Digest 365

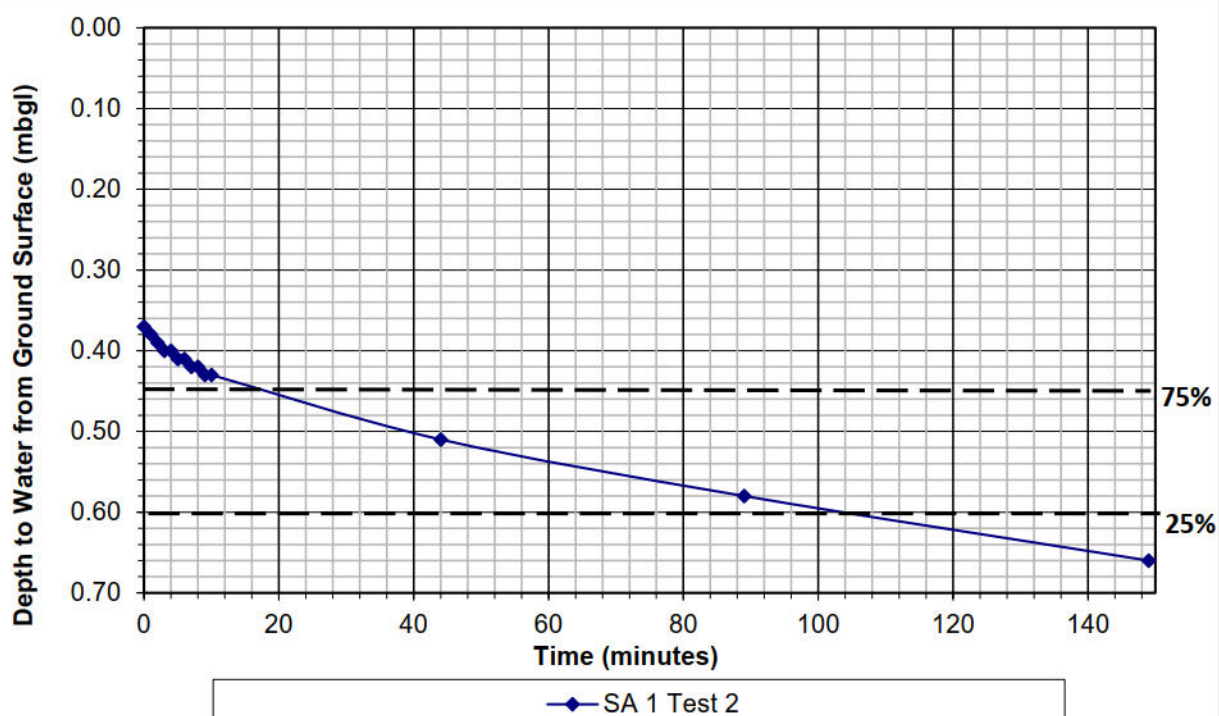
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.50m x 0.68m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA1

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.37	7	0.42		
1	0.38	8	0.42		
2	0.39	9	0.43		
3	0.40	10	0.43		
4	0.40	44	0.51		
5	0.41	89	0.58		
6	0.41	149	0.66		

Soil Infiltration Rate: 1.64×10^{-5} m/s



Trial Pit Infiltration Testing to BRE Digest 365

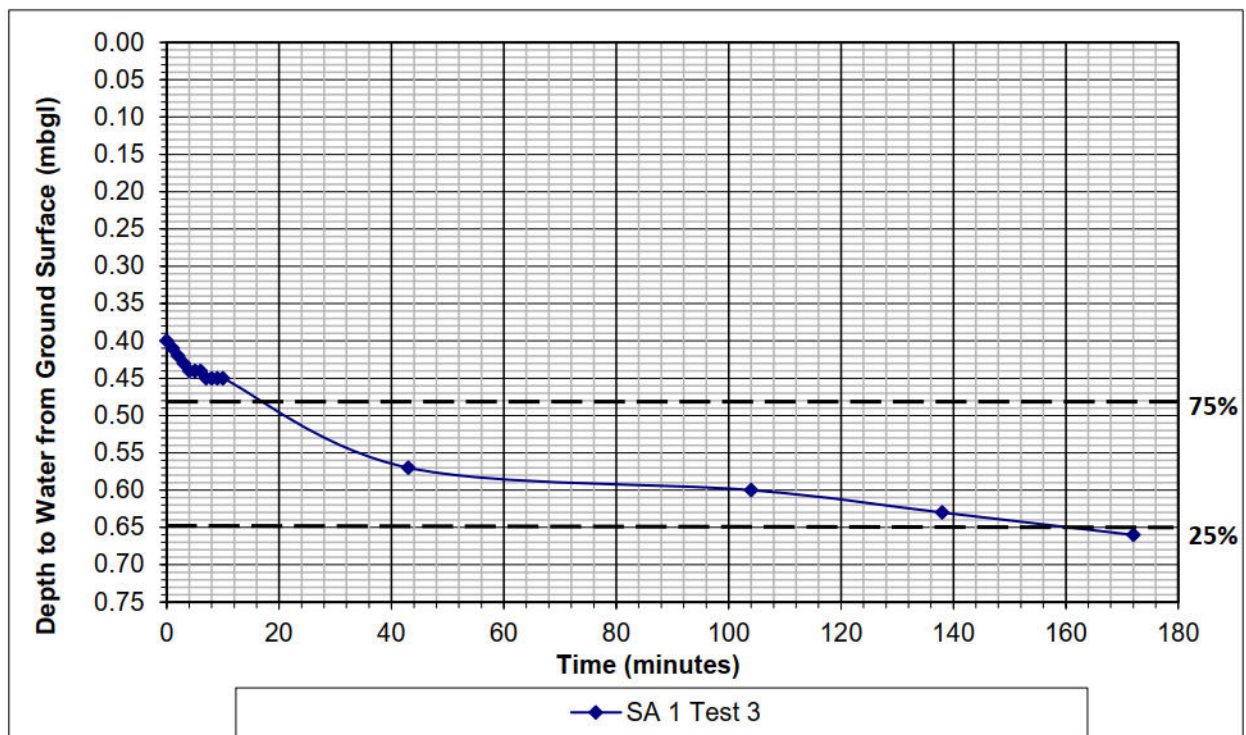
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.50m x 0.73m
 (width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA1

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.40	7	0.45	172	0.66
1	0.41	8	0.45		
2	0.42	9	0.45		
3	0.43	10	0.45		
4	0.44	43	0.57		
5	0.44	104	0.60		
6	0.44	138	0.63		

Soil Infiltration Rate: 9.88×10^{-6} m/s



Trial Pit Infiltration Testing to BRE Digest 365

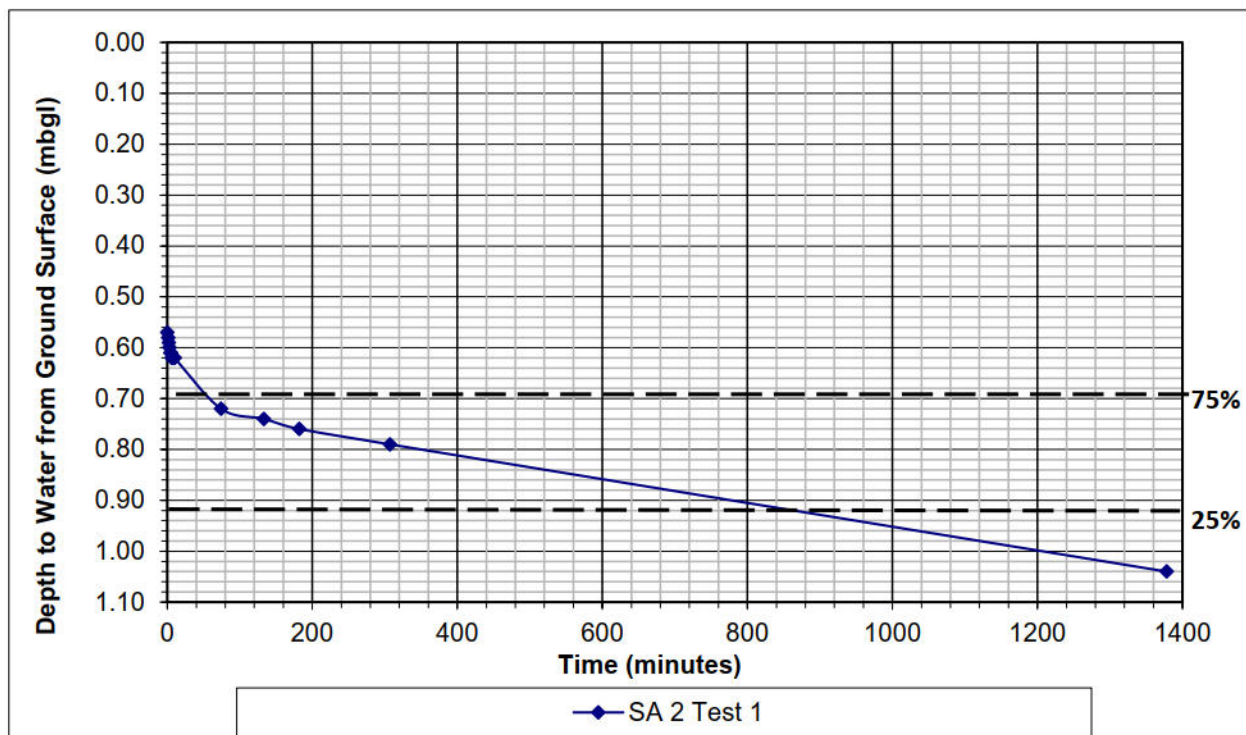
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.50m x 1.04m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA2

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.57	7	0.62	307	0.79
1	0.58	8	0.62	1378	1.04
2	0.59	9	0.62		
3	0.60	10	0.62		
4	0.61	74	0.72		
5	0.61	133	0.74		
6	0.62	182	0.76		

Soil Infiltration Rate: 2.12×10^{-6} m/s



Trial Pit Infiltration Testing to BRE Digest 365

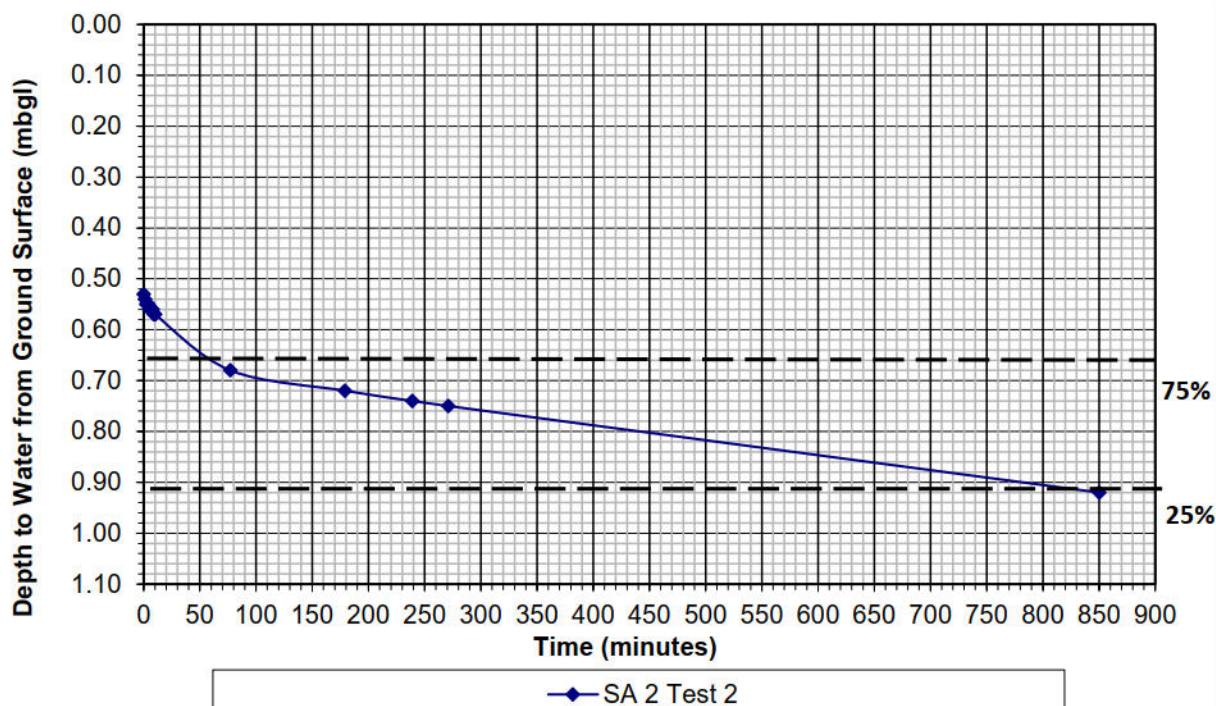
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.50m x 1.04m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA2

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.53	7	0.56	271	0.75
1	0.54	8	0.56	850	0.92
2	0.55	9	0.57		
3	0.55	10	0.57		
4	0.55	77	0.68		
5	0.56	179	0.72		
6	0.56	239	0.74		

Soil Infiltration Rate: 2.37×10^{-5} m/s



Trial Pit Infiltration Testing to BRE Digest 365

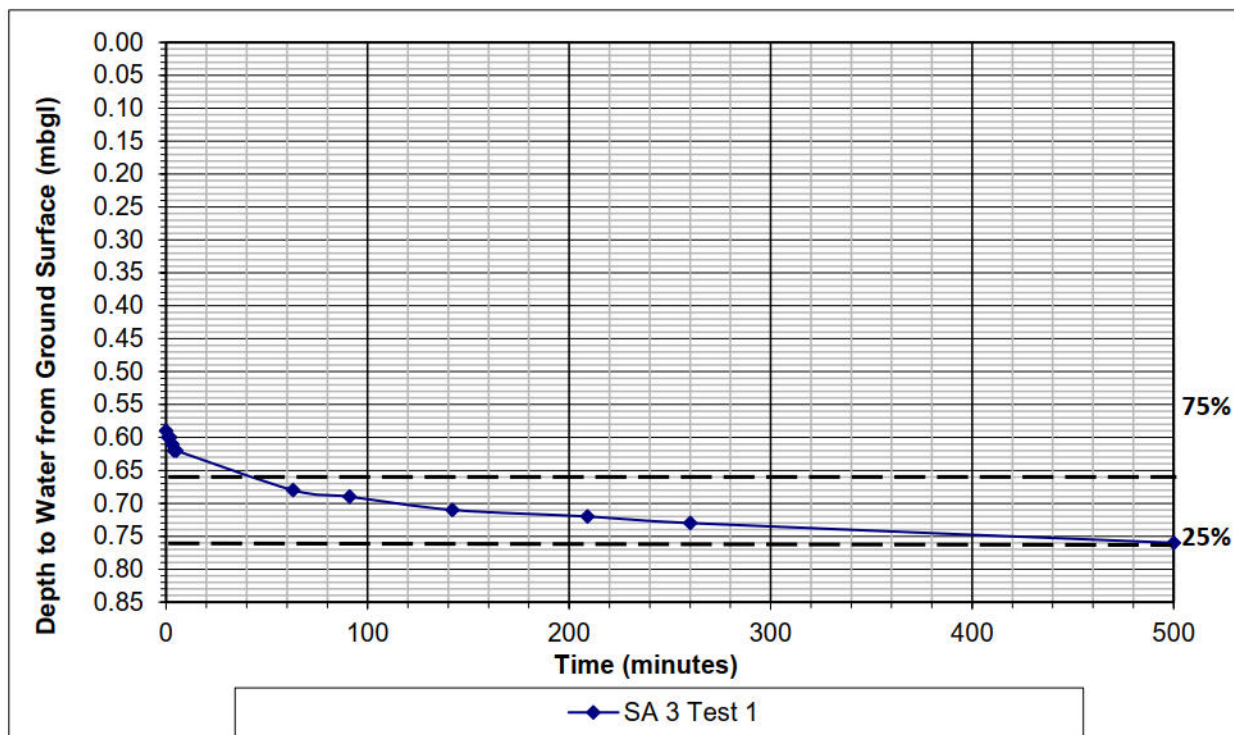
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.45m x 0.85m
 (width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA3

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.59	91	0.69		
1	0.60	142	0.71		
2	0.60	209	0.72		
3	0.61	260	0.73		
4	0.62	500	0.76		
5	0.62				
63	0.68				

Soil Infiltration Rate: 2.77×10^{-6} m/s



Trial Pit Infiltration Testing to BRE Digest 365

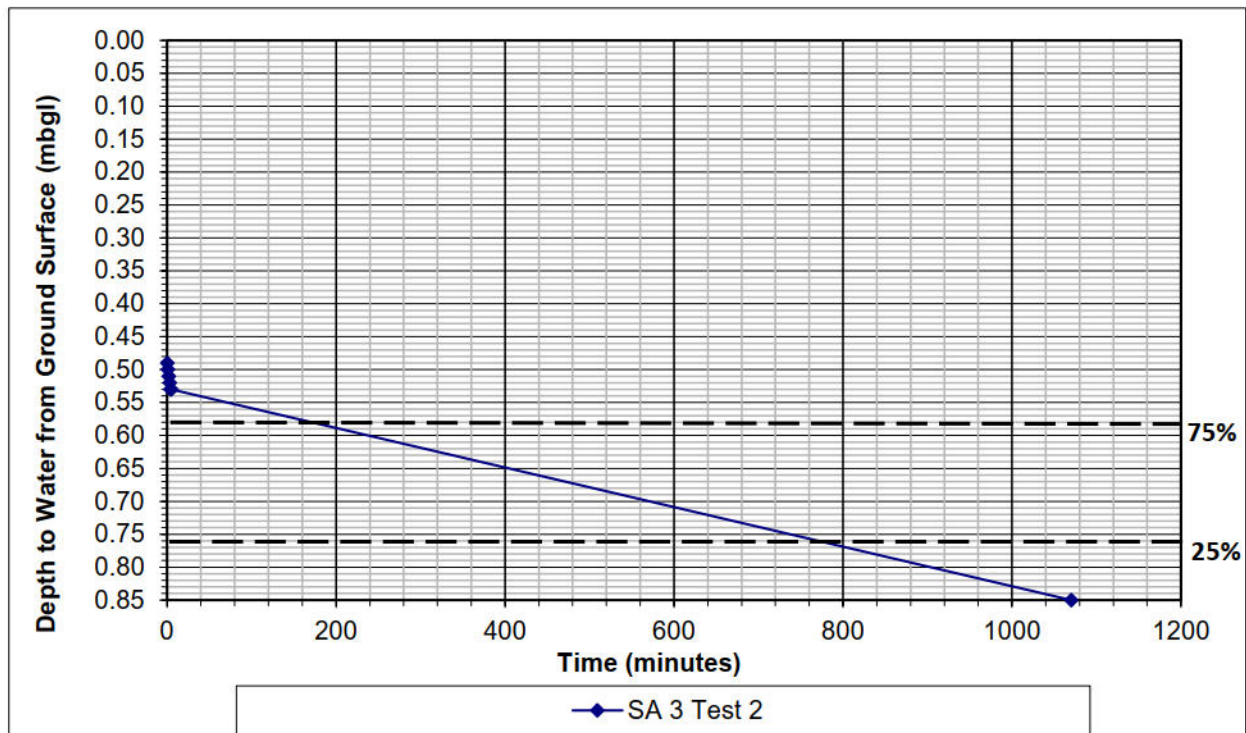
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.45m x 0.85m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA3

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.49				
1	0.50				
2	0.51				
3	0.52				
4	0.53				
5	0.53				
1070	0.85				

Soil Infiltration Rate: 2.58×10^{-6} m/s



Trial Pit Infiltration Testing to BRE Digest 365

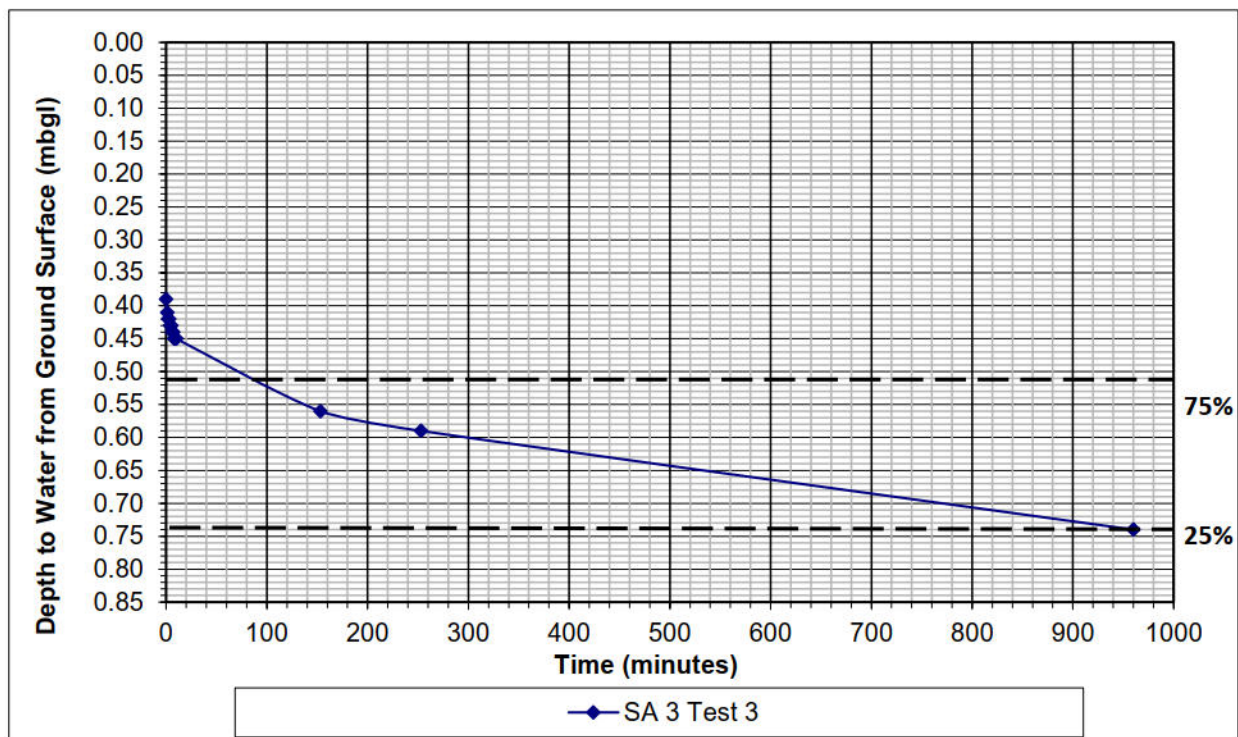
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.45m x 0.85m
 (width x length x depth)

Report No: 25-07-12
Date Tested: 6-7/8/25
Test Location: SA3

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.39	7	0.44		
1	0.41	8	0.45		
2	0.42	9	0.45		
3	0.42	10	0.45		
4	0.43	153	0.56		
5	0.43	253	0.59		
6	0.44	960	0.74		

Soil Infiltration Rate: 1.97×10^{-6} m/s



Trial Pit Infiltration Testing to BRE Digest 365

Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.30m x 0.73m
(width x length x depth)

Report No: 25-07-12

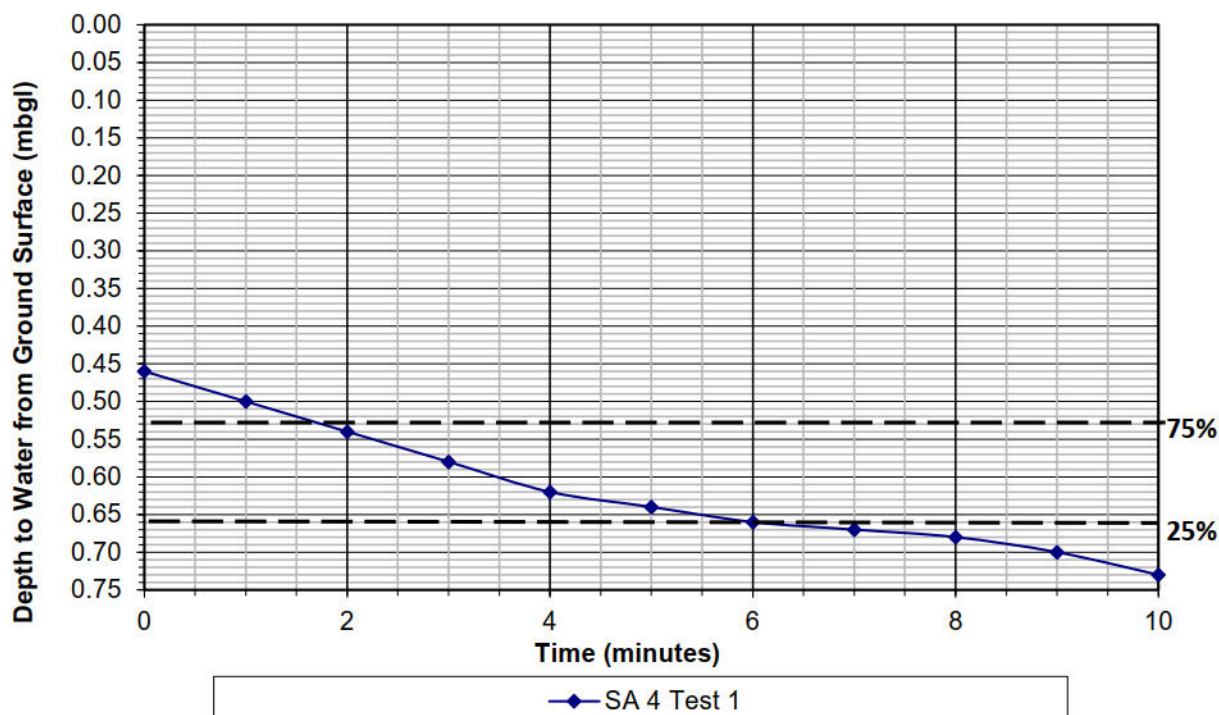
Date Tested: 6/8/25

Test Location: SA4

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.46	7	0.67		
1	0.50	8	0.68		
2	0.54	9	0.70		
3	0.58	10	0.73		
4	0.62				
5	0.64				
6	0.66				

Soil Infiltration Rate: 3.03×10^{-4} m/s



Trial Pit Infiltration Testing to BRE Digest 365

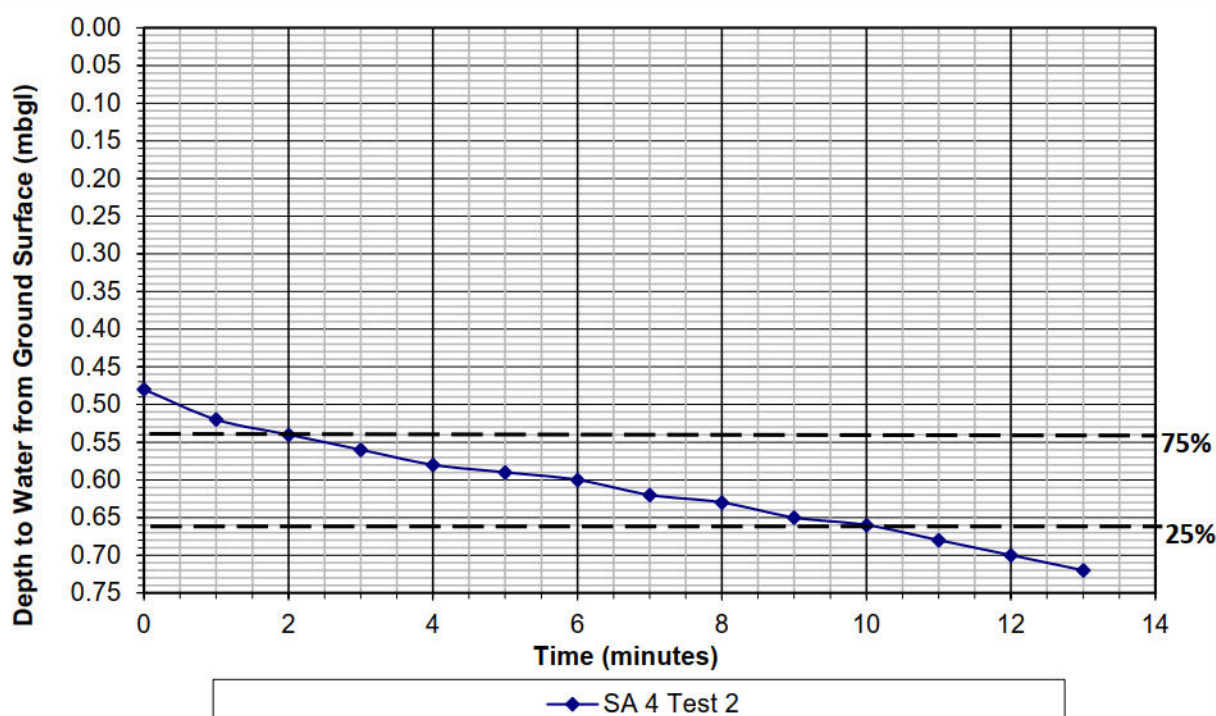
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.30m x 0.72m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6/8/25
Test Location: SA4

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.48	7	0.62		
1	0.52	8	0.63		
2	0.54	9	0.65		
3	0.56	10	0.66		
4	0.58	11	0.68		
5	0.59	12	0.70		
6	0.60	13	0.72		

Soil Infiltration Rate: 1.50×10^{-4} m/s



Trial Pit Infiltration Testing to BRE Digest 365

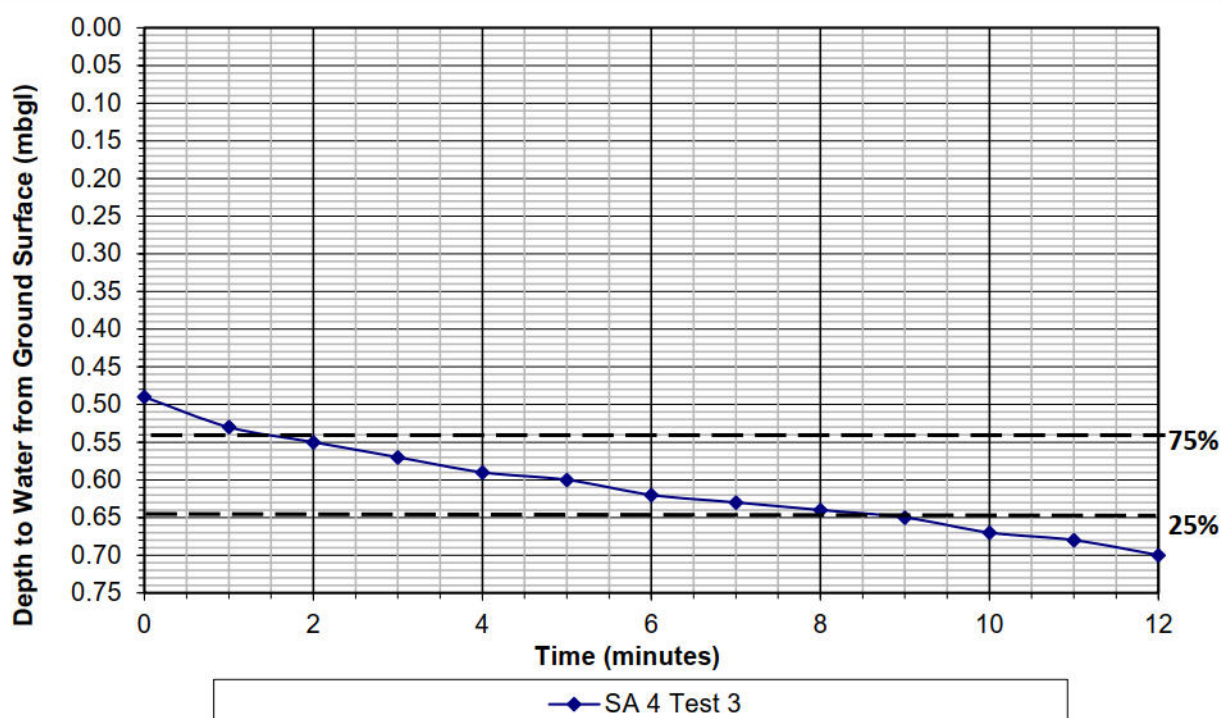
Client: Bellway Thames
Site: Park Lane, Charvil
Dimensions: 0.50m x 1.30m x 0.70m
(width x length x depth)

Report No: 25-07-12
Date Tested: 6/8/25
Test Location: SA4

Test Response Zone Description - : River Terrace Deposits

Time	Depth BGL	Time	Depth BGL	Time	Depth BGL
0	0.49	7	0.63		
1	0.53	8	0.64		
2	0.55	9	0.65		
3	0.57	10	0.67		
4	0.59	11	0.68		
5	0.60	12	0.70		
6	0.62				

Soil Infiltration Rate: 1.48×10^{-4} m/s



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

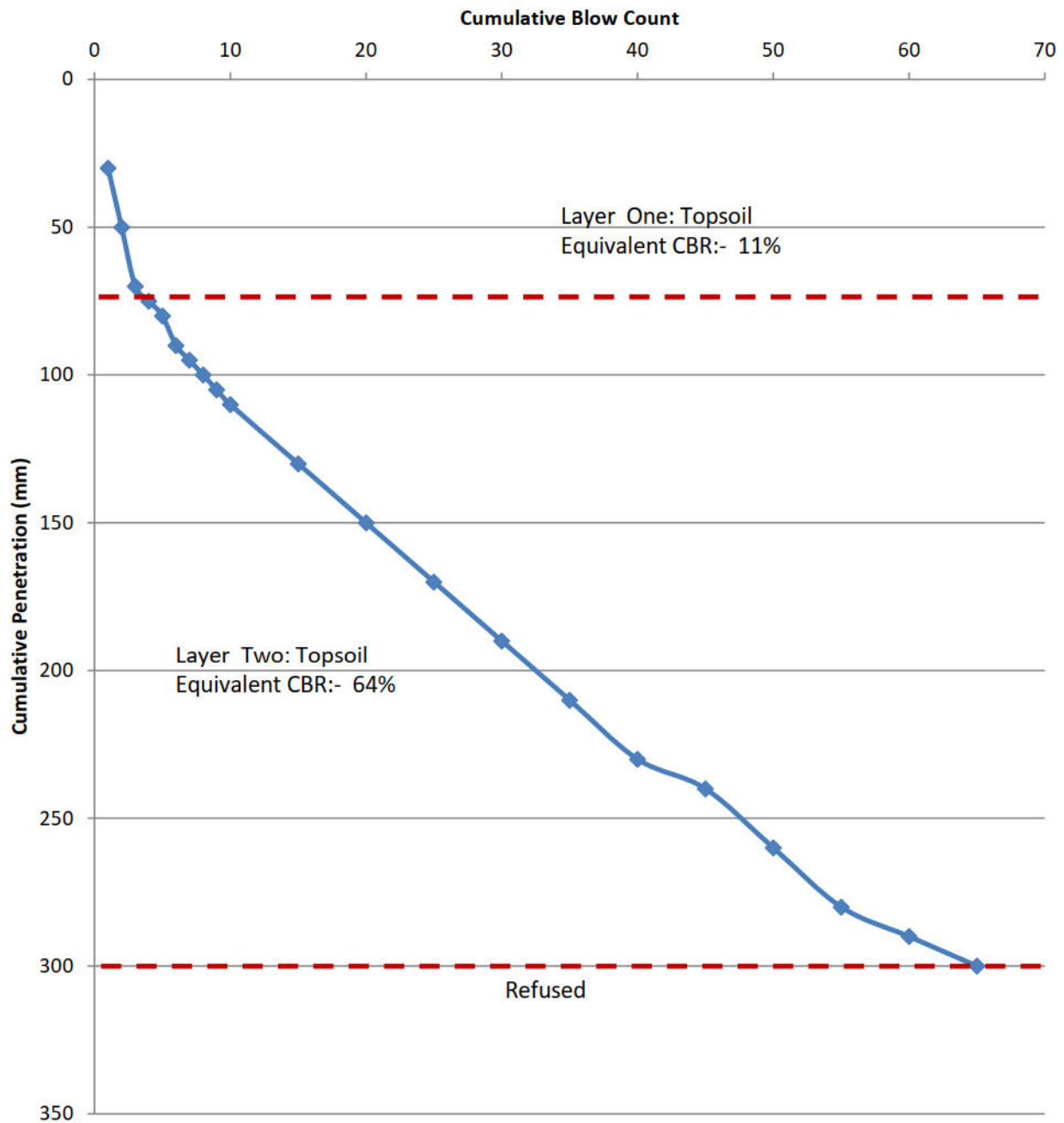
Job Name:- Park Lane, Charvil

Equivalent CBR:- 11% - 64%

Position:- CBR1

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

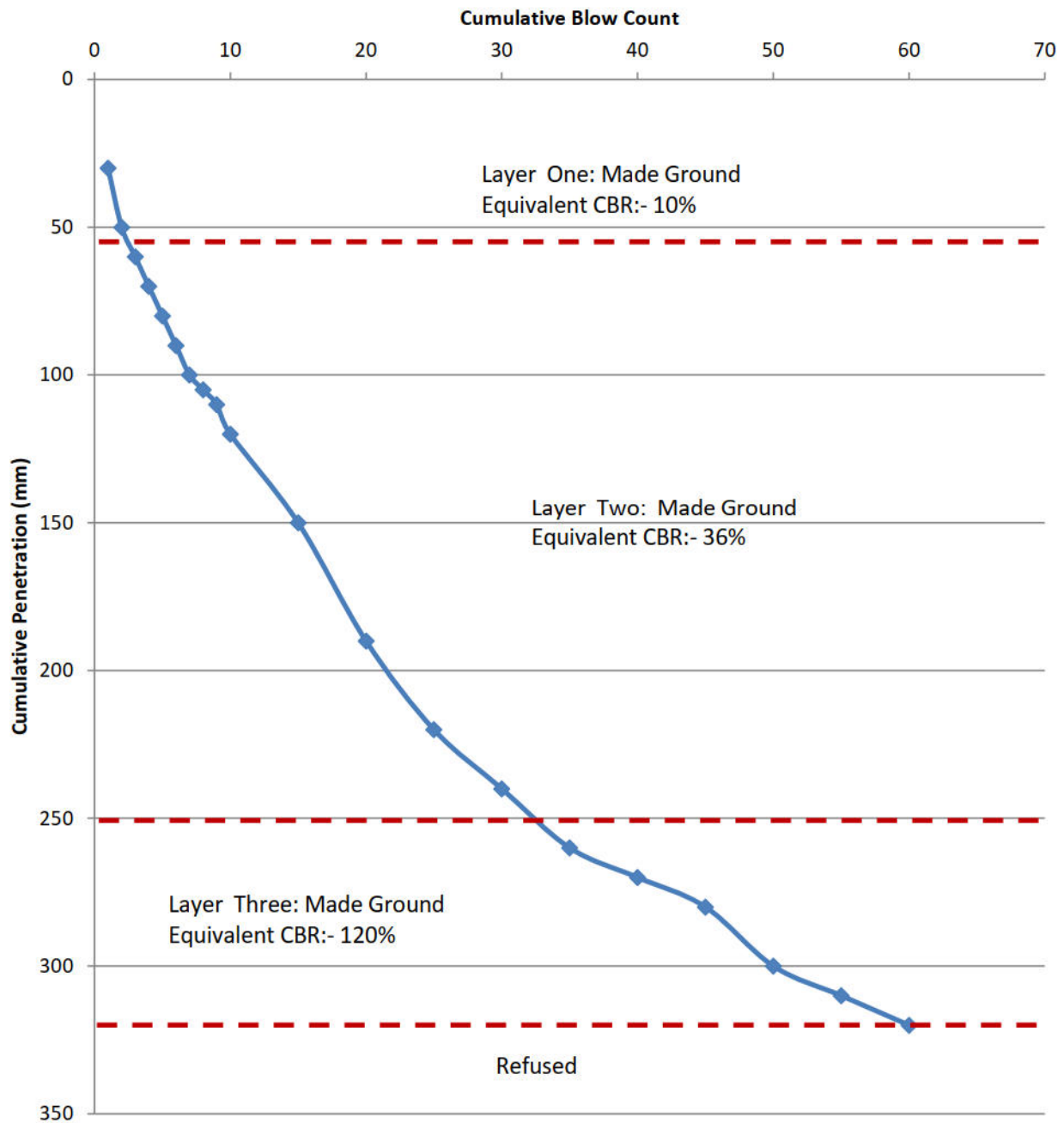
Job Name:- Park Lane, Charvil

Equivalent CBR:- 10% - 120%

Position:- CBR2

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

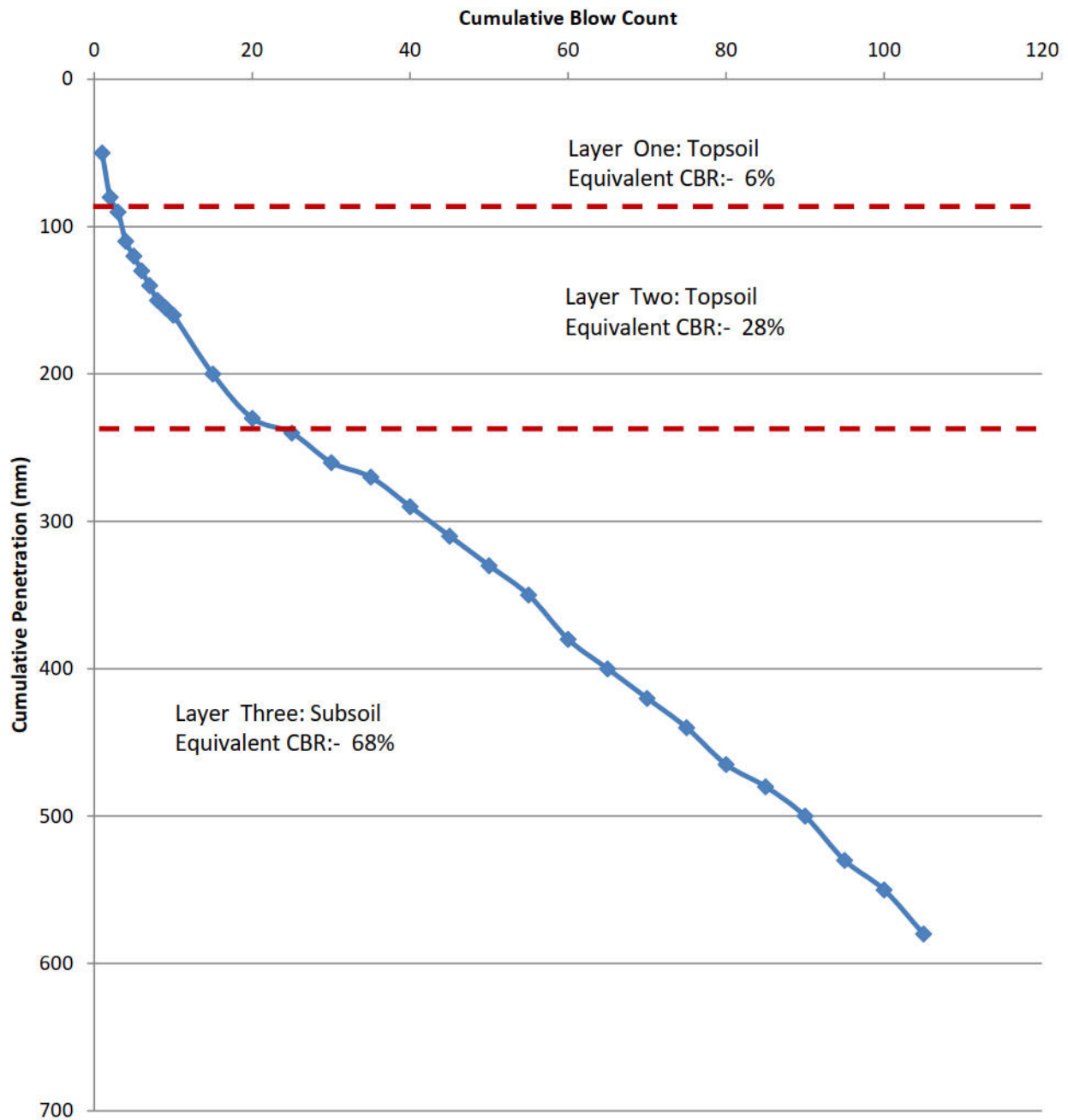
Job Name:- Park Lane, Charvil

Equivalent CBR:- 6% - 68%

Position:- CBR3

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

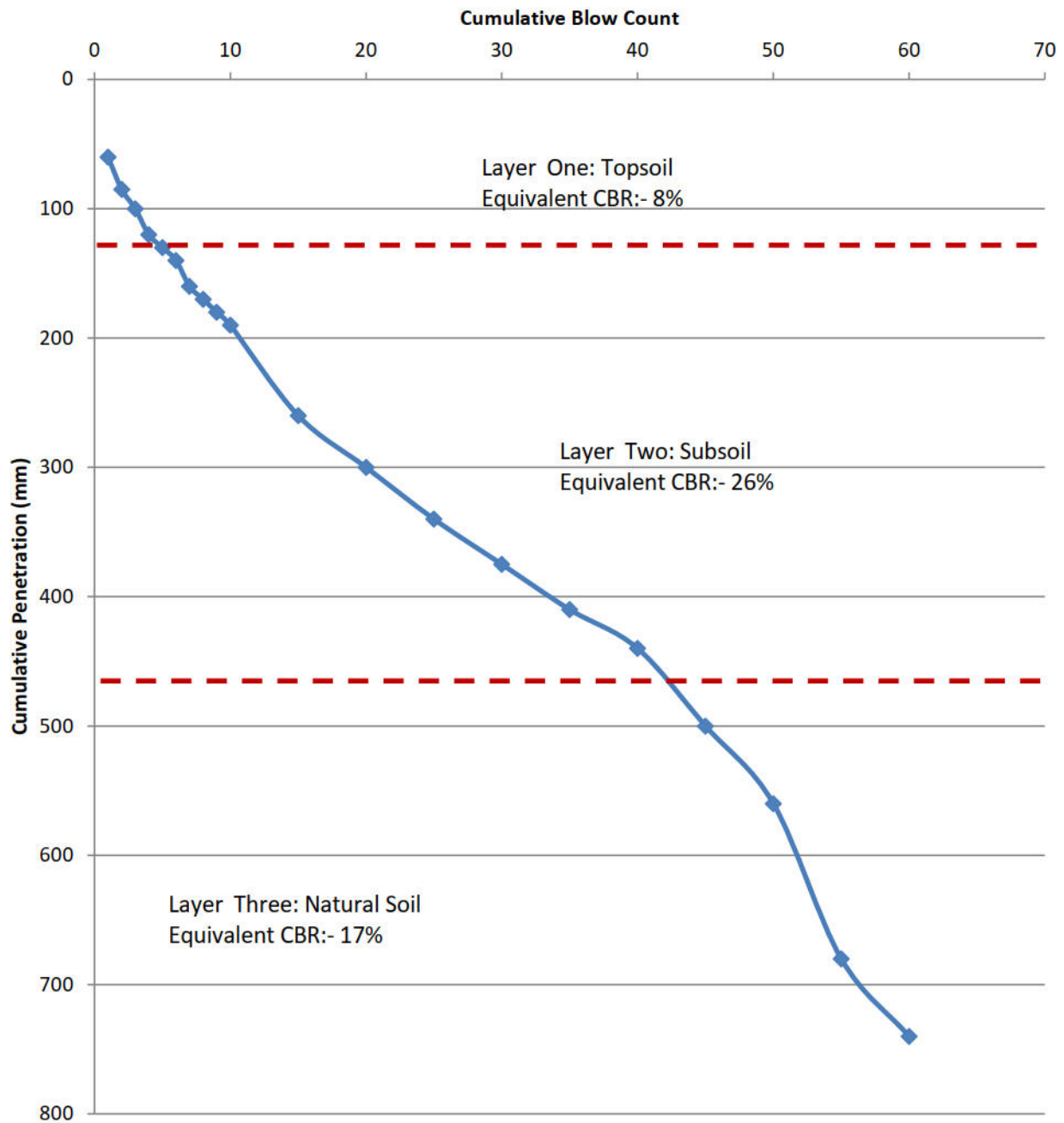
Job Name:- Park Lane, Charvil

Equivalent CBR:- 8% 0 26%

Position:- CBR4

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

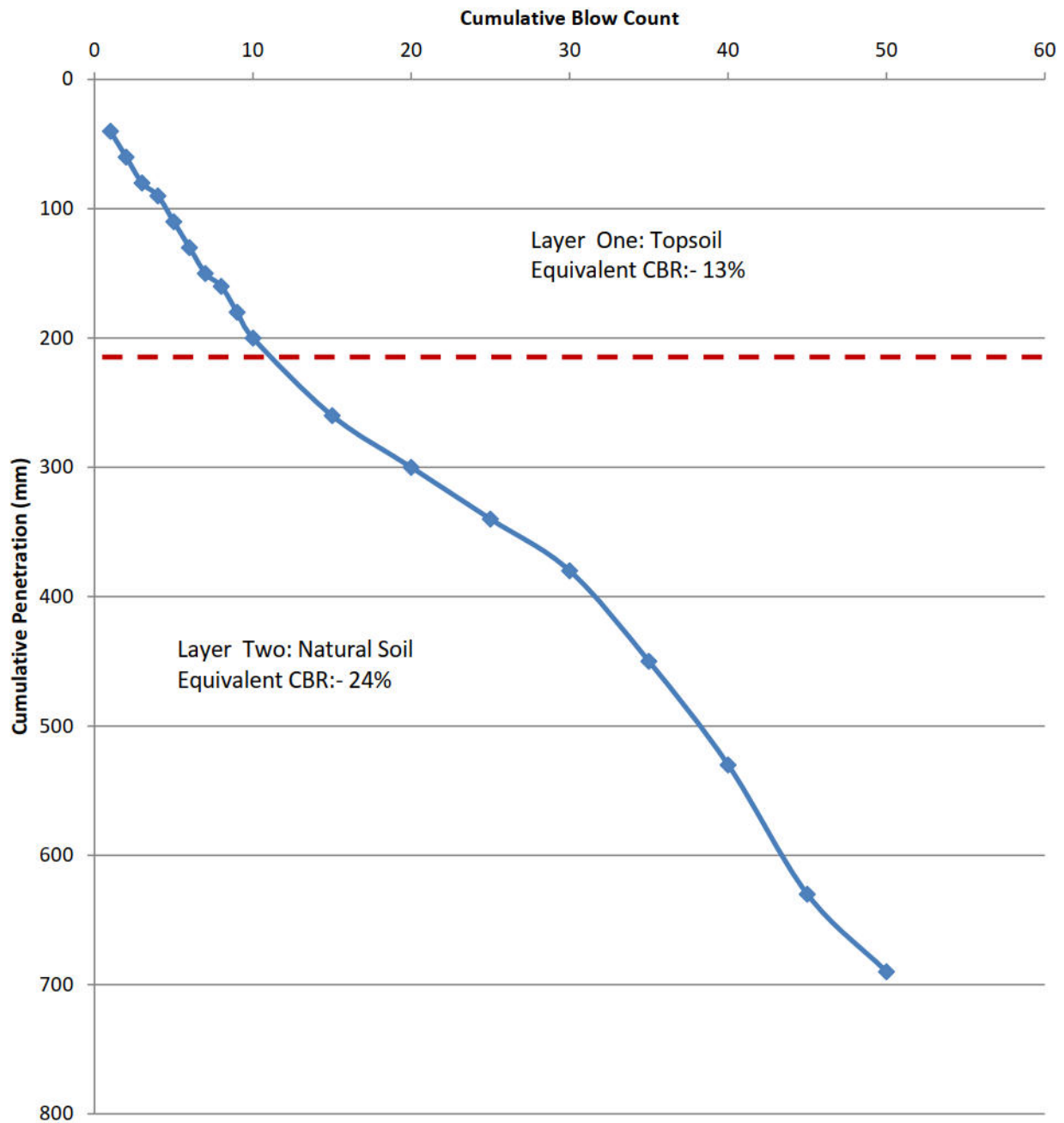
Job Name:- Park Lane, Charvil

Equivalent CBR:- 13% - 24%

Position:- CBR5

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

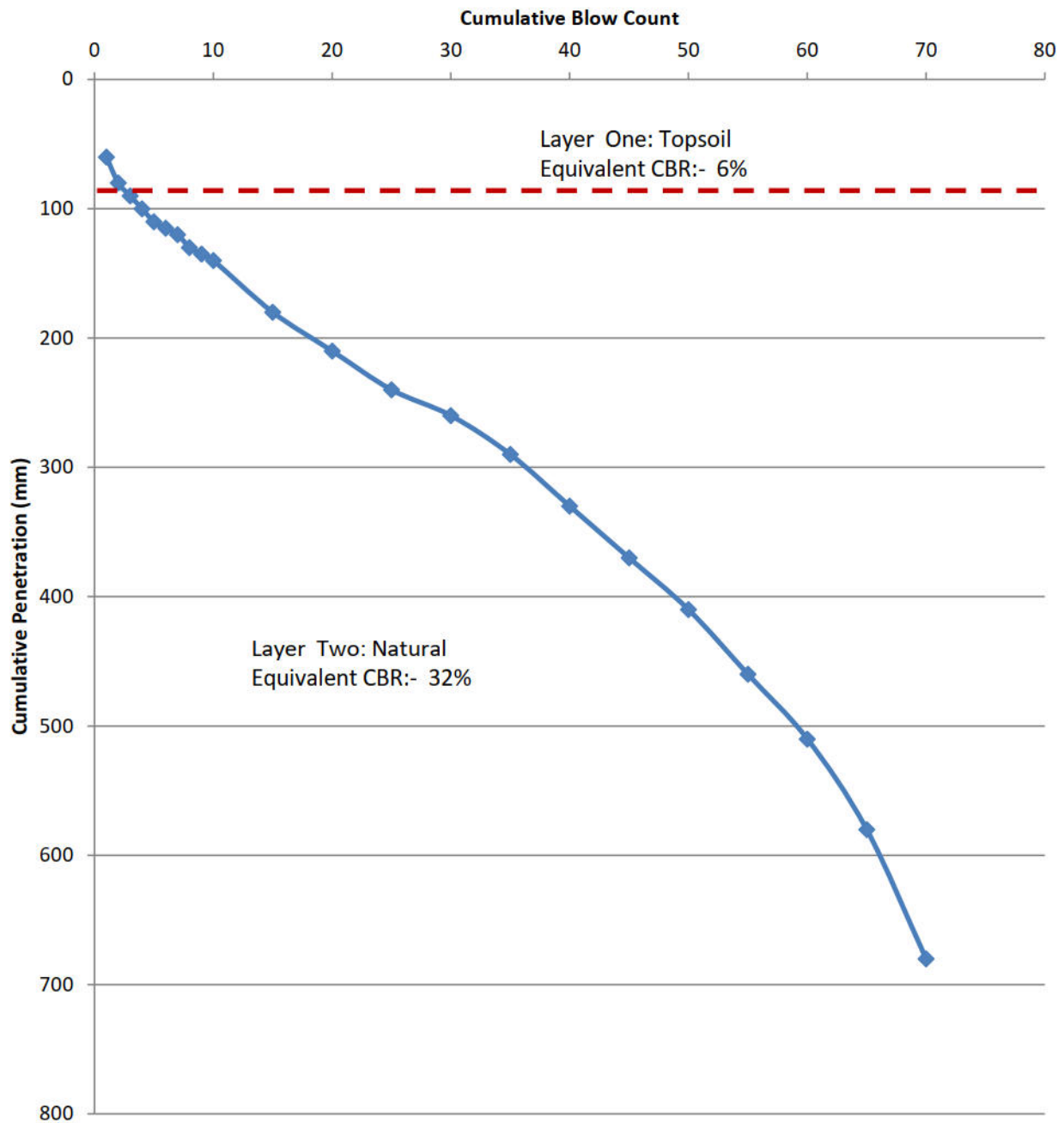
Job Name:- Park Lane, Charvil

Equivalent CBR:- 6% - 32%

Position:- CBR6

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

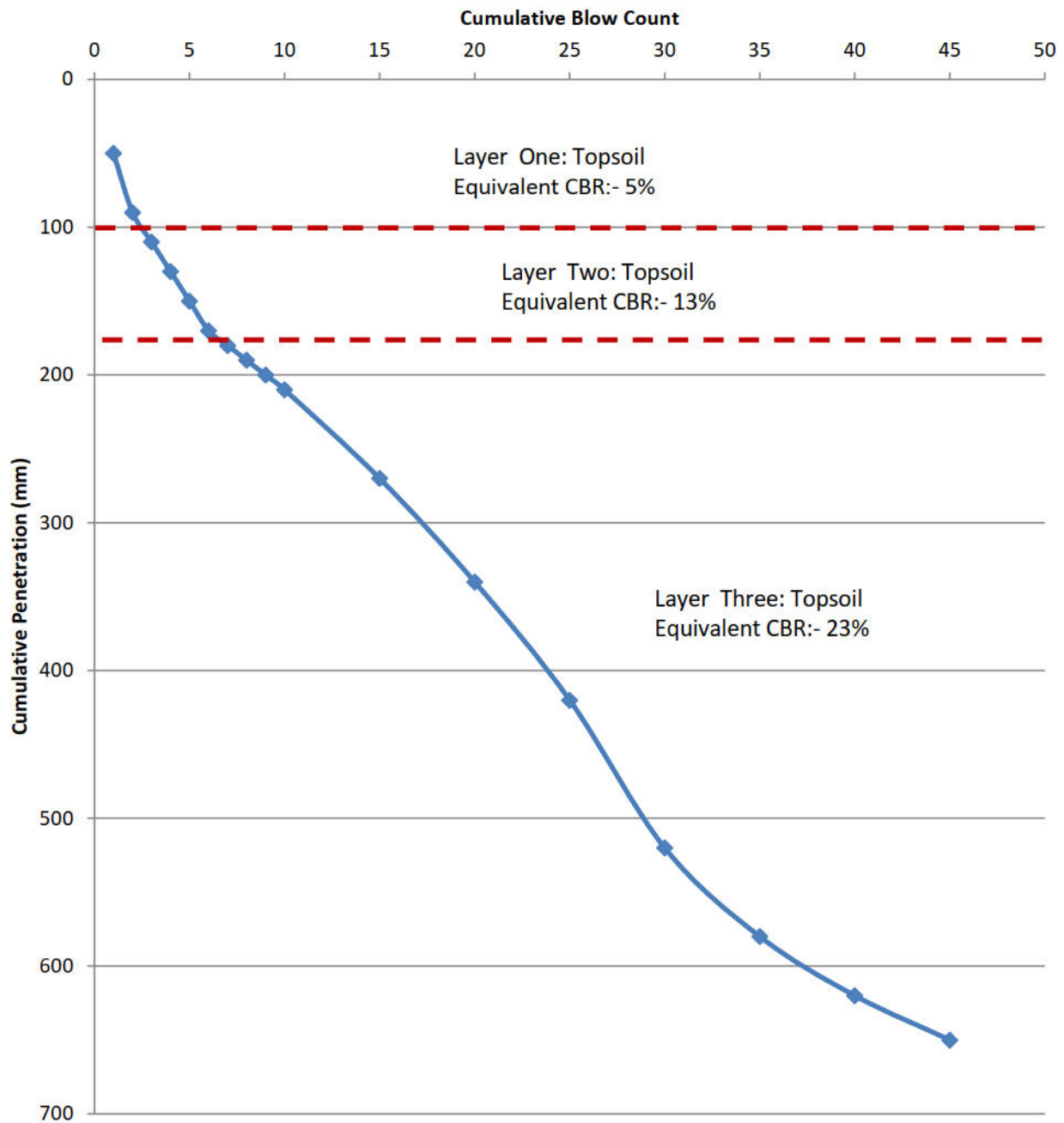
Job Name:- Park Lane, Charvil

Equivalent CBR:- 5% - 23%

Position:- CBR7

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

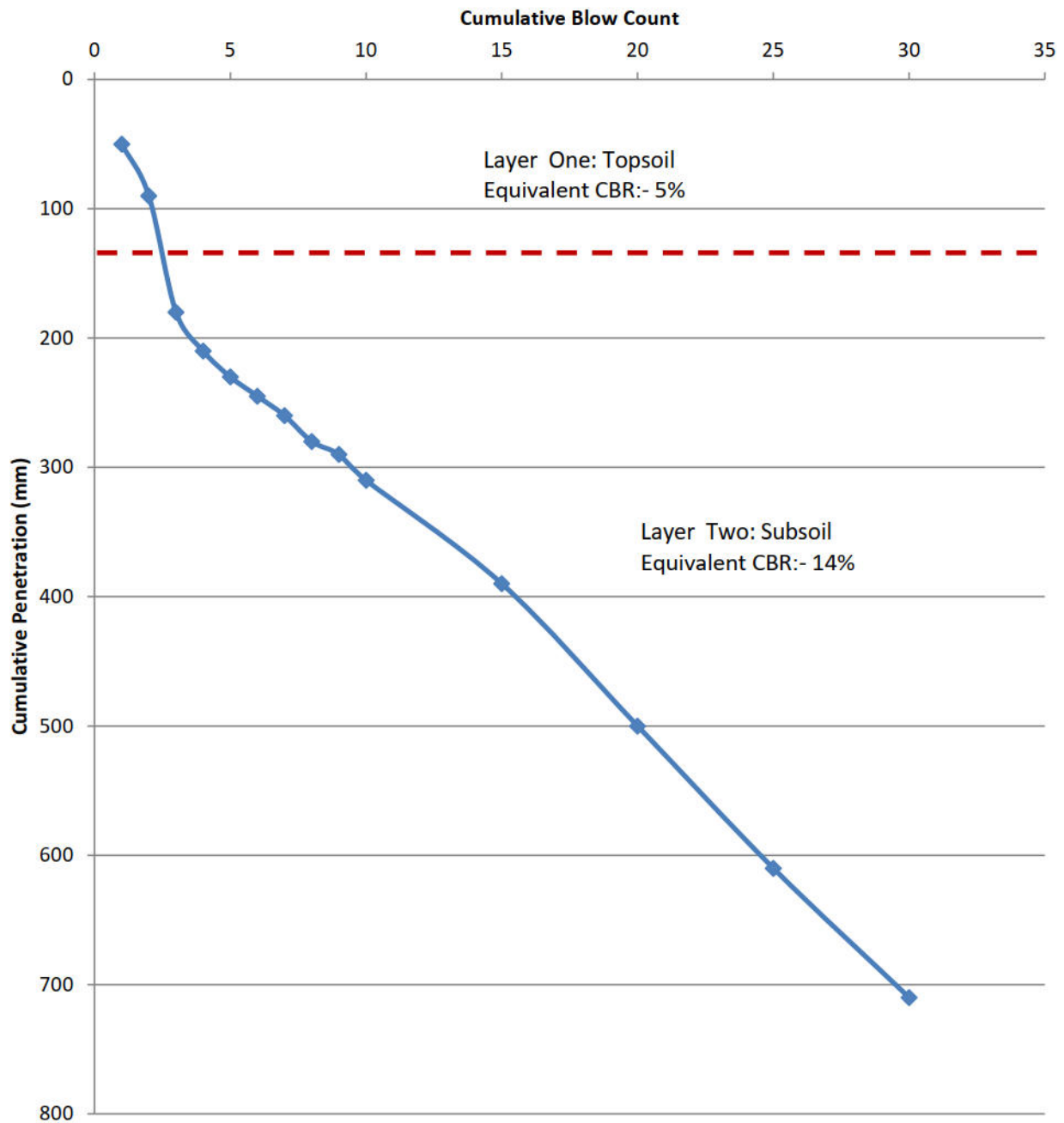
Job Name:- Park Lane, Charvil

Equivalent CBR:- 5% - 14%

Position:- CBR8

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)



TRL DYNAMIC CONE PENETROMETER RECORD

Job No:- 25-07-12

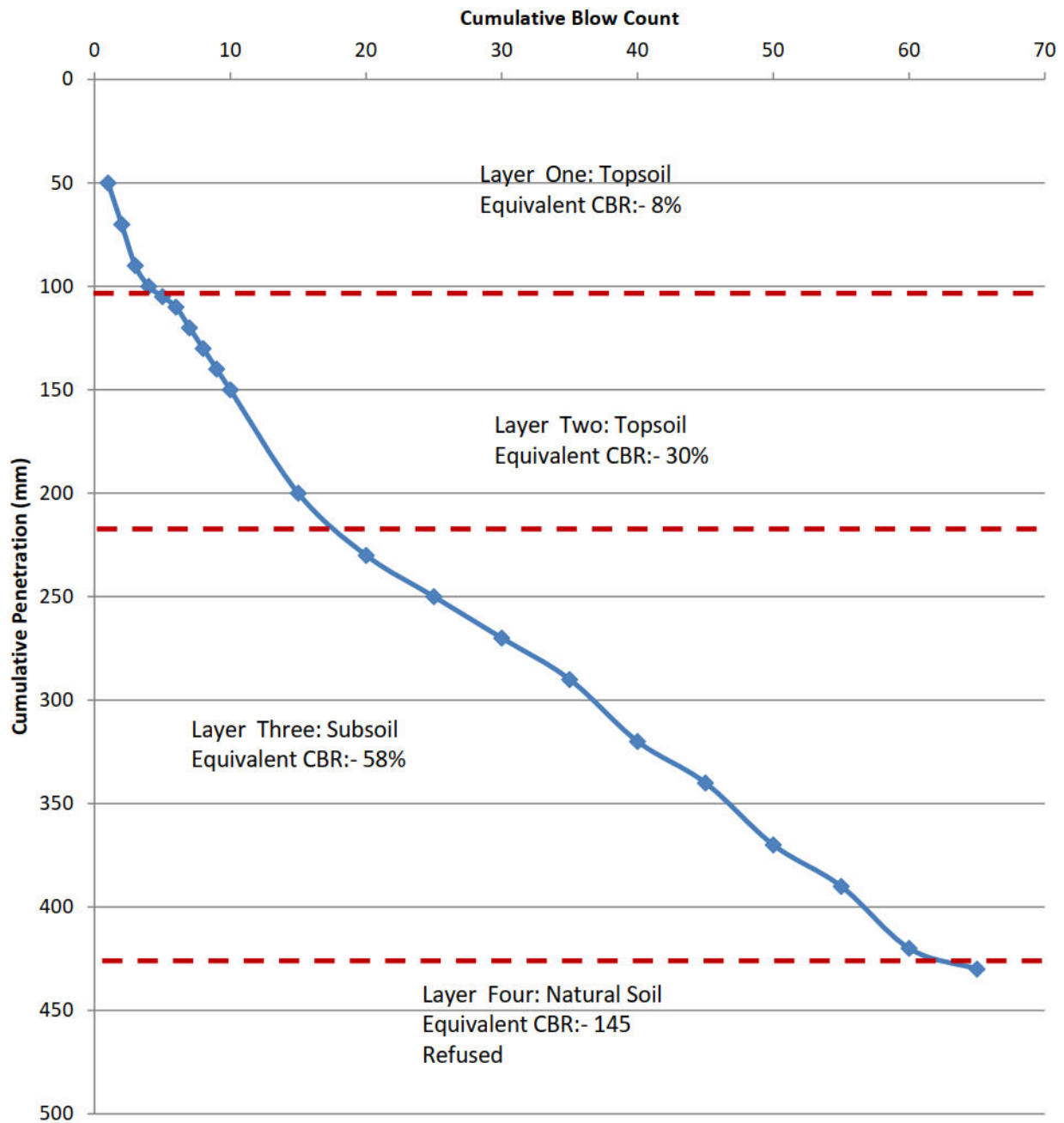
Job Name:- Park Lane, Charvil

Equivalent CBR:- 8% - 145%

Position:- CBR9

Depth below ground level at start of test:- 0.0m

Cumulative Blows Vs Penetration (mm)





Date	Job No.	BH	CH4(%)	LEL(%)	CO2(%)	O2(%)	H2S (ppm)	CO (ppm)	Hex(%)	PIDCf()	PkFlw (lh)	AP (mbar)	GW (m bgl)	Pmp (s)	Bal(%)
14/08/25	,25-07-12	CT2	0	0	1.4	19.9	0	0	0	1	0	1013	Dry	61	83.3
14/08/25	,25-07-12	CT5	0	0	0.7	20.5	0	0	0	1	0	1012	3.36	67	79.4
20/08/25	,25-07-12	CT2	0	0	1.3	19.8	0	0	0	1	0	1011	Dry	62	79.1
20/08/25	,25-07-12	CT5	0	0	0.6	20.3	0	0	0	1	0	1010	3.4	63	79.2
Ongoing															
Ongoing															
Ongoing															
Ongoing															

APPENDIX C

GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

Telephone:- 01327 860947/860060

Email: lab@listersgeotechnics.co.uk

PROJECT INFORMATION		SAMPLE INFORMATION																																																							
Site Location:- Land adjacent Park Lane, Charvil		Laboratory Tests Undertaken:-																																																							
		<table border="1"> <thead> <tr> <th>TEST TYPE</th> <th>TEST METHOD</th> <th>TESTED</th> </tr> </thead> <tbody> <tr> <td>Natural Moisture Contents (MC%)</td> <td>(BS 1377:Part 2:1990 Clause 3.2)</td> <td>✓</td> </tr> <tr> <td>Liquid Limits (%)</td> <td>(BS 1377:Part 2:1990 Clause 4.3)</td> <td>✓</td> </tr> <tr> <td>Plastic Limits (%)</td> <td>(BS 1377:Part 2:1990 Clause 5.3)</td> <td>✓</td> </tr> <tr> <td>Plasticity Index (%)</td> <td>(BS 1377:Part 2:1990 Clause 5.4)</td> <td>✓</td> </tr> <tr> <td>Saturated Moisture Content (%)</td> <td>(BS1377 : Part 2 : 1990, clause 3.3)</td> <td>✓</td> </tr> <tr> <td>PSD - Wet Sieving</td> <td>(BS 1377:Part 2:1990 Clause 9.2)</td> <td>✓</td> </tr> <tr> <td>Engineering Sample Descriptions</td> <td>(BS 5930 : Section 6)</td> <td></td> </tr> <tr> <td>Passing 425/63 (µm)</td> <td>-</td> <td>✓</td> </tr> <tr> <td>Hydrometer</td> <td>(BS 1377:Part 2:1990 Clause 9.5)</td> <td></td> </tr> <tr> <td>Loss on Ignition (%)</td> <td>-</td> <td></td> </tr> <tr> <td>Soil Suctions (kPa)</td> <td>BRE Digest IP 4/93, 1993</td> <td></td> </tr> <tr> <td>Bulk Density (Mg/m³)</td> <td>(BS 1377:Part 2:1990 Clause 7.2)</td> <td></td> </tr> <tr> <td>Strength Tests</td> <td>(BS 1377:Part 7:1990 Clause 8 & 9)</td> <td></td> </tr> <tr> <td>Soluble Sulphate Content (SO₄g/l)</td> <td>(BS 1377:Part 3:1990 Clause 5.3)</td> <td></td> </tr> <tr> <td>pH value</td> <td>(BS 1377:Part 3:1990 Clause 9.4)</td> <td></td> </tr> <tr> <td>California Bearing Ratios (CBR)</td> <td>(BS 1377:Part 4:1990 Clause 7)</td> <td></td> </tr> <tr> <td>Compaction Tests</td> <td>(BS 1377:Part 4:1990 Clauses 3.0-3.6)</td> <td></td> </tr> </tbody> </table>	TEST TYPE	TEST METHOD	TESTED	Natural Moisture Contents (MC%)	(BS 1377:Part 2:1990 Clause 3.2)	✓	Liquid Limits (%)	(BS 1377:Part 2:1990 Clause 4.3)	✓	Plastic Limits (%)	(BS 1377:Part 2:1990 Clause 5.3)	✓	Plasticity Index (%)	(BS 1377:Part 2:1990 Clause 5.4)	✓	Saturated Moisture Content (%)	(BS1377 : Part 2 : 1990, clause 3.3)	✓	PSD - Wet Sieving	(BS 1377:Part 2:1990 Clause 9.2)	✓	Engineering Sample Descriptions	(BS 5930 : Section 6)		Passing 425/63 (µm)	-	✓	Hydrometer	(BS 1377:Part 2:1990 Clause 9.5)		Loss on Ignition (%)	-		Soil Suctions (kPa)	BRE Digest IP 4/93, 1993		Bulk Density (Mg/m ³)	(BS 1377:Part 2:1990 Clause 7.2)		Strength Tests	(BS 1377:Part 7:1990 Clause 8 & 9)		Soluble Sulphate Content (SO ₄ g/l)	(BS 1377:Part 3:1990 Clause 5.3)		pH value	(BS 1377:Part 3:1990 Clause 9.4)		California Bearing Ratios (CBR)	(BS 1377:Part 4:1990 Clause 7)		Compaction Tests	(BS 1377:Part 4:1990 Clauses 3.0-3.6)		
TEST TYPE	TEST METHOD	TESTED																																																							
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Client Reference:-																																																									
Date Samples Received:- 08 August 2025																																																									
Date Testing Completed:- 19 August 2025																																																									
The results relate only to the samples tested																																																									
This test-report may not be reproduced, except with full and written approval of GROUNDTECH LABORATORIES		Laboratory testing in accord with BS EN ISO/IEC 17025-2000 and Quality Management in accord with ISO 9001																																																							
Signed on behalf of GroundTech Laboratories:- _____ Technical Signatory			Quality Assured to ISO 9001																																																						
GEOTECHNICAL LABORATORY TEST RESULTS			Report No: 25.08.005																																																						

GroundTech Laboratories

Geotechnical Testing Facility

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Fax: 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality Assured
to ISO 9001**

SAMPLES				CLASSIFICATION TESTS							CLASSIFICATION TESTS							STRENGTH TESTS					CHEMICAL TESTS				
Test Location	Sample Type	Sample Depth -m	Test Type	WC %	LL %	PL %	PI %	Passing 425 µm %	Modified PI %	Class	Passing 63 µm %	WC/ LL	PL+ 2%	Liquidity Index	Loss on Ignition %	Soil Suction kPa	Bulk Density Mg/m³	Test Type	Cell Pressure kN/m²	Deviator Stress kN/m²	Apparent Cohesion kN/m²	φ	pH Value	Soluble Sulphate Content SO4 g/l			
BH 01	D	1.20	PI/63	14	45	19	26	98	26	CI	79	0.31	21	-0.19													
	D	3.00	PI/63	20	71	29	42	100	42	CV	98	0.28	31	-0.21													
	U	4.60																									
	D	5.00	PI/63	27	80	36	44	100	44	CV	100	0.34	38	-0.20													
	D	6.00	PI/63	21	70	25	45	100	45	CH	99	0.30	27	-0.09													
BH 02	D	8.00	PI/63	16	24	NP		94			33	0.67															
	D	1.50	PSD																								
	D	5.20	PSD																								
	D	9.50	PI/63	30	63	30	33	99	33	CH	89	0.48	32	0.00													
	D	12.50	PI/63	15	31	18	13	93	12	CL	39	0.48	20	-0.23													
CT 01	D	1.00	PI/63	17	26	15	11	99	11	CL	39	0.65	17	0.18													
	D	2.50	PSD																								
CT 02	D	0.95	PI/63	21	60	22	38	98	37	CH	73	0.35	24	-0.03													
	D	2.50	PI/63	30	75	30	45	100	45	CV	99	0.40	32	0.00													
	D	4.50	PI/63	30	57	27	30	100	30	CH	99	0.53	29	0.10													
CT 03	D	1.20	PI/63	19	50	24	26	100	26	CI	99	0.38	26	-0.19													
	D	3.00	PI/63	22	59	26	33	95	31	CH	93	0.37	28	-0.12													
	D	4.50	PI/63	25	62	26	36	97	35	CH	95	0.40	28	-0.03													
CT 04	D	2.00	PSD																								
CT 05	D	1.50	PI/63	16	27	16	11	100	11	CL	50	0.59	18	0.00													
	D	3.50	PI/63	19	42	20	22	100	22	CI	96	0.45	22	-0.05													
CT 06	D	0.50	PSD																								
TP 08	D	1.00	PSD																								
Symbols:				U	Undisturbed Sample					R	Remoulded			PI	Plasticity Index			T	Triaxial Undrained				L	100mm specimen			
				D	Disturbed Sample					63	Passing 63µm			F	Filter Paper Suction Tests			M	Multistage Triaxial				S	38mm specimen			
				B	Bulk Sample					H	Hydrometer			CC	Continuous Core			HP	Hand Penetrometer								
				W	Water Sample					PSD	Wet Sieving							V	Vane Test								
LABORATORY TEST RESULTS																				Project Reference 25.08.005							

GroundTech Laboratories

Geotechnical Testing Facility

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to ISO 9001

SAMPLES				CLASSIFICATION TESTS							CLASSIFICATION TESTS							STRENGTH TESTS					CHEMICAL TESTS	
Test Location	Sample Type	Sample Depth -m	Test Type	WC %	LL %	PL %	PI %	Passing 425 μm %	Modified PI %	Class	Passing 63 μm %	WC/ LL	PL+ 2%	Liquidity Index	Loss on Ignition %	Soil Suction kPa	Bulk Density Mg/m³	Test Type	Cell Pressure kN/m²	Deviator Stress kN/m²	Apparent Cohesion kN/m²	φ	pH Value	Soluble Sulphate Content SO4 g/l
TP 09	D	1.50	PI/63	19	55	21	34	100	34	CH	96	0.35	23	-0.06										
Symbols:				U	Undisturbed Sample					R	Remoulded				PI	Plasticity Index		T	Triaxial Undrained			L	100mm specimen	
				D	Disturbed Sample					63	Passing 63μm				F	Filter Paper Suction Tests		M	Multistage Triaxial			S	38mm specimen	
				B	Bulk Sample					H	Hydrometer				CC	Continuous Core		HP	Hand Penetrometer					
				W	Water Sample					PSD	Wet Sieving							V	Vane Test					
LABORATORY TEST RESULTS																				Project Reference 25.08.005				

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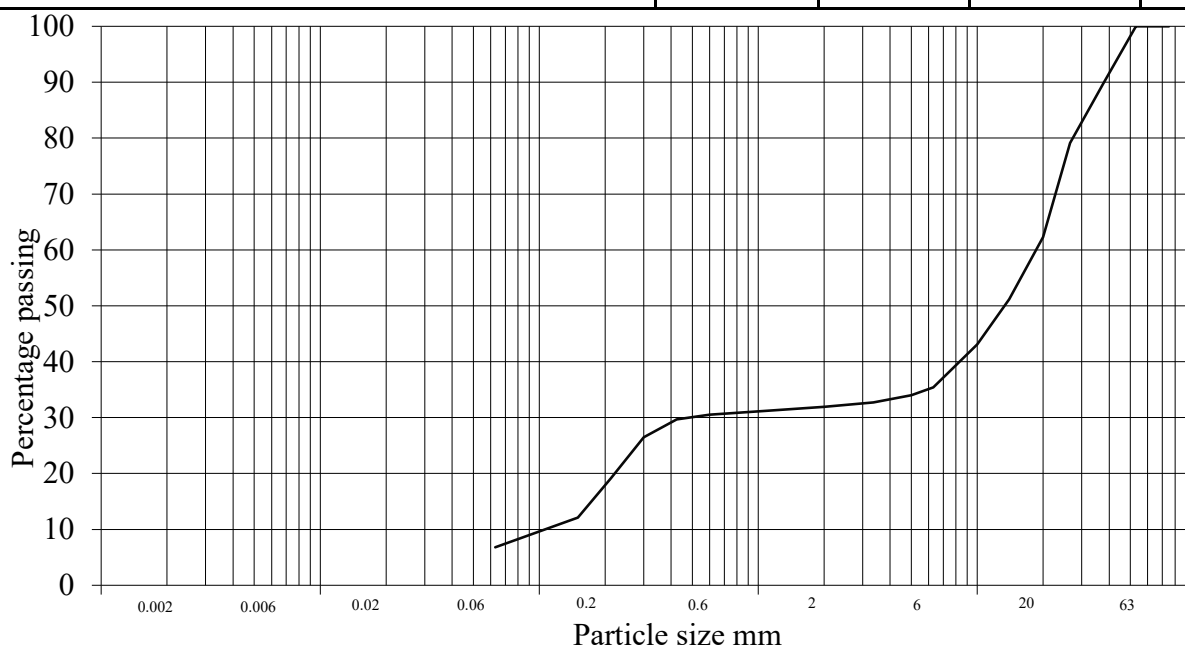
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Site:	Land Adjacent Park Lane, Charvil	75mm	100.00		
		63mm	100.00		
Test Location:	BH 02	50mm	100.00		
		37.5mm	89.70		
Sample Depth:	1.50m -2.00m	26.5mm	79.10		
		20mm	62.30		
Hydrometer No.:		14mm	51.20		
		10mm	43.10		
SG Gs:		6.3mm	35.40		
		5mm	34.00		
Water Visc. (N):		3.5mm	32.70		
		2mm	31.90		
Dry Mass of Soil after pretreatment (g):		1.18mm	31.30		
		600µm	30.50		
		425µm	29.70		
		300µm	26.50		
		212µm	19.10		
		150µm	12.10		
		63µm	6.80		



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
7%				25%			68%			0%

PARTICLE SIZE DISTRIBUTION

Project Reference
25.08.005

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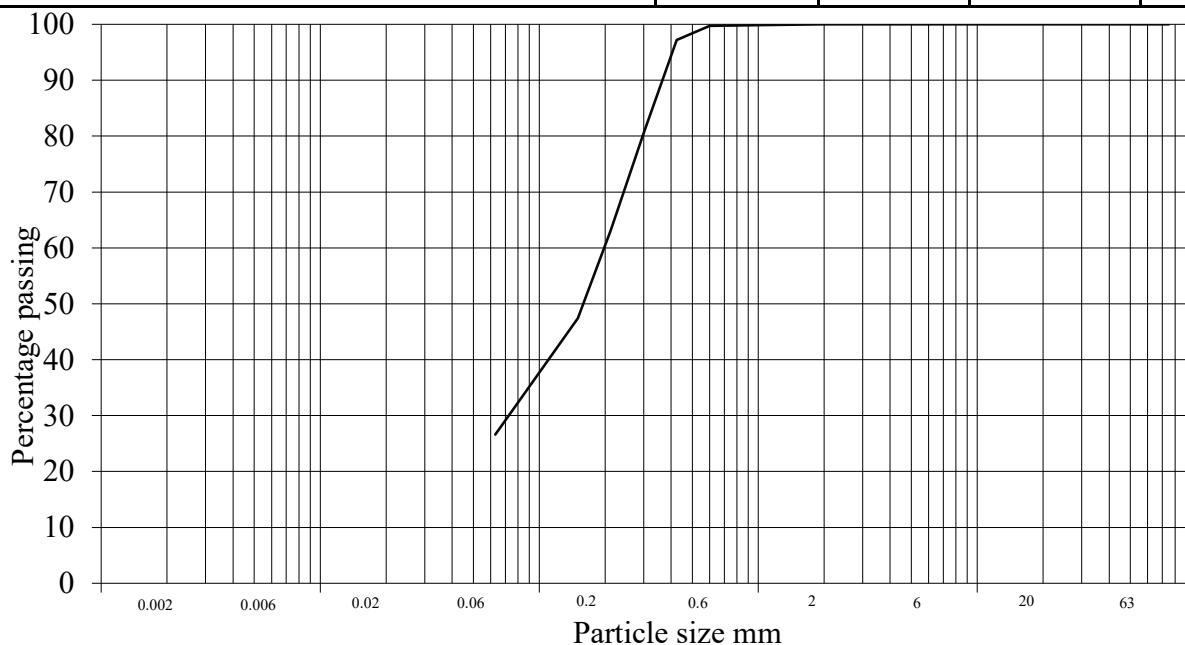
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Site:	Land Adjacent Park Lane, Charvil	75mm	100.00		
		63mm	100.00		
Test Location:	BH 02	50mm	100.00		
		37.5mm	100.00		
Sample Depth:	5.20m -5.65m	26.5mm	100.00		
		20mm	100.00		
Hydrometer No.:		14mm	100.00		
		10mm	100.00		
SG Gs:		6.3mm	100.00		
		5mm	100.00		
Water Visc. (N):		3.5mm	100.00		
		2mm	100.00		
Dry Mass of Soil after pretreatment (g):		1.18mm	99.90		
		600µm	99.70		
		425µm	97.20		
		300µm	80.60		
		212µm	63.20		
		150µm	47.40		
		63µm	26.60		



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
27%				73%			0%			0%

PARTICLE SIZE DISTRIBUTION

Project Reference
25.08.005

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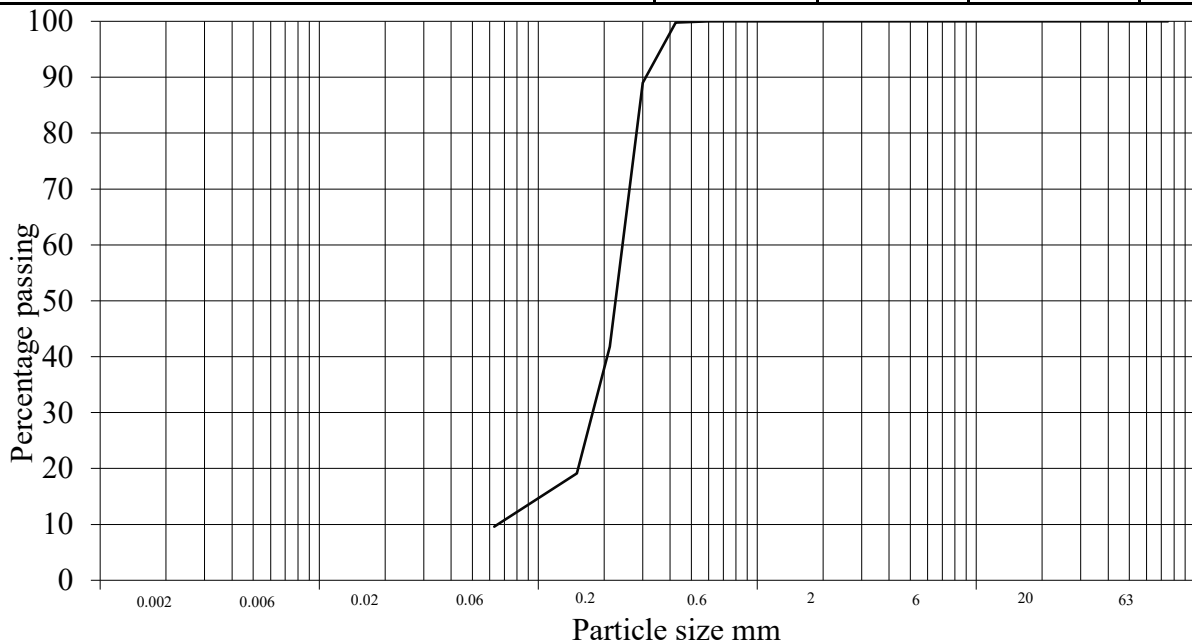
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Site:	Land Adjacent Park Lane, Charvil	75mm	100.00		
		63mm	100.00		
Test Location:	CT 01	50mm	100.00		
		37.5mm	100.00		
Sample Depth:	2.50m -3.00m	26.5mm	100.00		
		20mm	100.00		
Hydrometer No.:		14mm	100.00		
		10mm	100.00		
SG Gs:		6.3mm	100.00		
		5mm	100.00		
Water Visc. (N):		3.5mm	100.00		
		2mm	100.00		
Dry Mass of Soil after pretreatment (g):		1.18mm	100.00		
		600µm	100.00		
		425µm	99.80		
		300µm	89.00		
		212µm	41.80		
		150µm	19.10		
		63µm	9.60		



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
10%				90%			0%			0%

PARTICLE SIZE DISTRIBUTION

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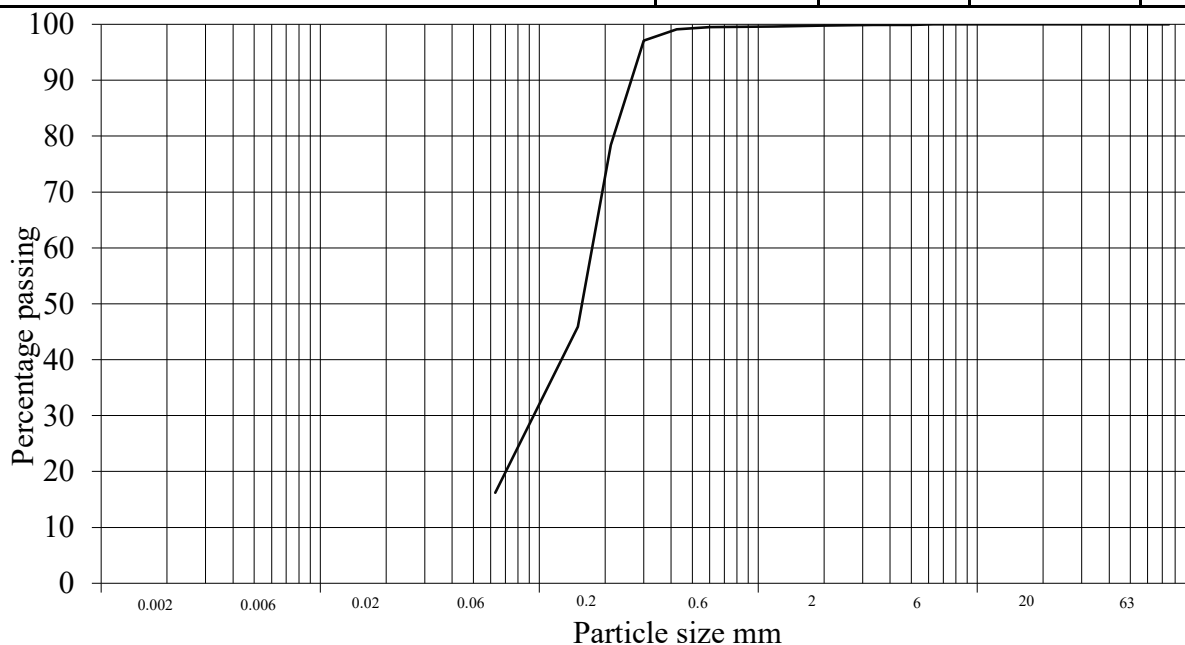
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		Test Method: BS 1377 : Part 2 : 1990 : 9.2			
		BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
Site:	Land Adjacent Park Lane, Charvil	75mm	100.00		
		63mm	100.00		
Test Location:	CT 04	50mm	100.00		
		37.5mm	100.00		
Sample Depth:	2.00m -2.50m	26.5mm	100.00		
		20mm	100.00		
Hydrometer No.:		14mm	100.00		
		10mm	100.00		
SG Gs:		6.3mm	100.00		
		5mm	99.90		
Water Visc. (N):		3.5mm	99.90		
		2mm	99.80		
Dry Mass of Soil after pretreatment (g):		1.18mm	99.60		
		600µm	99.50		
		425µm	99.10		
		300µm	97.10		
		212µm	78.40		
		150µm	45.90		
		63µm	16.20		



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
16%				84%			0%			0%

PARTICLE SIZE DISTRIBUTION

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Site: Land Adjacent Park Lane, Charvil

Test Location: CT 06

Sample Depth: 0.50m -1.00m

Hydrometer No.:

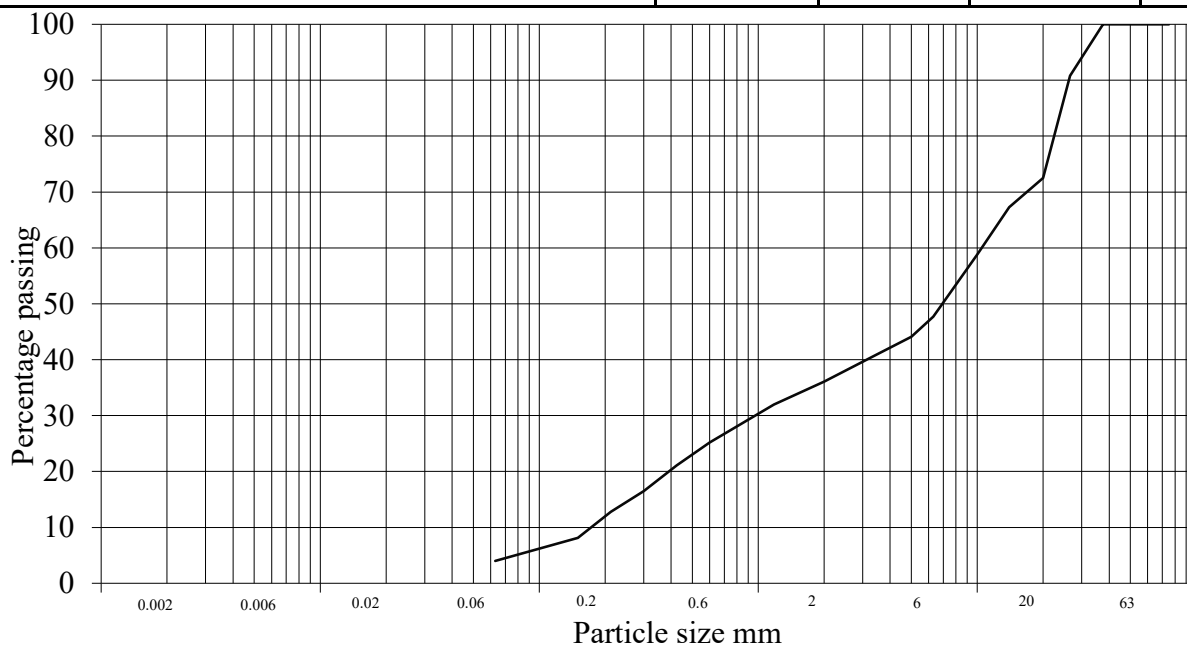
SG Gs:

Water Visc. (N):

Dry Mass of Soil after pretreatment (g):

Test Method: BS 1377 : Part 2 : 1990 : 9.2

BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
75mm	100.00		
63mm	100.00		
50mm	100.00		
37.5mm	100.00		
26.5mm	90.80		
20mm	72.50		
14mm	67.30		
10mm	58.80		
6.3mm	47.70		
5mm	44.10		
3.5mm	40.60		
2mm	36.10		
1.18mm	32.00		
600µm	25.20		
425µm	21.10		
300µm	16.50		
212µm	12.80		
150µm	8.10		
63µm	4.00		



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
4%				32%			64%			0%

PARTICLE SIZE DISTRIBUTION

Project Reference
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