#### Soils in RBKC - example boreholes

#### Introduction

This report includes boreholes from across RBKC.

They have all been taken in front or rear gardens.

An effort was made to find a borehole showing a thick layer of natural soil but none could be found.

#### Conclusion

This report conclusions are that the data suggests that:

- 1. The thickness of good quality top soil across the borough is very thin, generally not being present at all.
- 2. Made ground (man made sand / brick / rubble fill) makes up the upper level of ground in most cases.
- 3. In all cases identified replacement of the existing upper one metre of ground with imported top soil will be an improvement in terms of a medium to support plant growth.

## Boreholes

1. Lennox Gardens Mews

ite 2 Lennox Gare			s,			Borehole No:	в	H1
ient:	UD	٢				Sheet	1	of 3
gineer: Pryce & Myers	5					Report No:	1000	4/3
		amples	Field		Strata			920
Comments	Type	Depth[m]	Test	Depth[m	] Level[mOD	Strata Description		Legen
orehole constructed 4 July				0.00	0	MADE GROUND: Cobble paving (70mm) over light grey	0	
012 50mm casing to 11.70m depth	D	0.50		0.50		concrete. MADE GROUND: Soft dark grey slightly gravelly very sandy	-	
						clay fill. Gravel is fine to medium of brick, flint and ash. Rar bone fragments.	e	
	D	1.00			1		1	
					H			
		101201						
	C/D	1.80	4	2.00	2	Soft to firm dark grey and dark brown slightly gravelly sligh	tly 2	0-
	0	2.00		2.00	2	sandy CLAY. Gravel is fine to coarse of flint.	2	0
								þ-7
								ō
	C/D D	2.80	40	3.00	3	Dense orange Brown slightly sandy fine to coarse flint	-	-
		5.00		5.00	- /	GRAVEL.	ľ	0,
						becoming sandy fine to medium gravel between 3.50m an	d	C
						4.0m		00
	C/D D	3.80 4.00	37	~				0
		4.00		<	4		4	0.0
					1	locally very dense between 4.50m and 6.50m		C
	C/D	4.75	90*		$\Sigma \sim$	$\sim$		00
	- C		/				-	0
	D	5.25	16	D	5	2	5	Do
		5.22		6	$\pm \gamma$			C
		-	/	1				00
	1	$\sim$		1				Q
	C/D	6.25	100*		6	becoming sand and gravel between 6.0m and 6.75m	6	0
	0,04	0.25	100		H			2
	D	6.75	×	/				0
			$\searrow$					por
					7		7	0
					-	locally very gravelly sand at 7.50m		0
					H			0
	C/D	7.80	43					2.0
					8		8	0
	D	8.25		8				0/
								C
								0.
	Verm	1212000	12222		9	becoming medium dense below 9.0m	9	200
	C/D	9.30	14		H			0
					H			N
								0
					10		10	)
nstructed using cable percussive techniques	_							
						= SPT 'N' [solid cone] HV = Hand Vane [kPa] PP = Pocket Penetrometer [kg/cm <sup>2</sup> ]		
emarks :- 35mm standpipe insta	ailed a	t 11.70m	; detail	s prese	ented separa	ately	lorehol	e No:
							В	H1
* = extrapolated SPT 'N' value]							В	H

SCL Charl Generator Ver\_1\_5\_4

## 2. Gertrude Street

BOREHOLE LOG           coperty Address:         22 Gertrude Street, London SW10 0.N           lient Claim Ref:         Alistair Langhome         Survey date: 30/07/2012         Operative:           prehole ID:         BH1         Hole Type: FA         Scale:         1:50           ator         Samples:         Insta Test.         Deth         Good Street, London SW10 0.N         Stratum Description and Observations           ator         Samples:         Insta Test.         Deth         Good Street, London SW10 0.N         Stratum Description and Observations           ator         Samples:         Insta Test.         Deth         Order Street, London SW10 0.N         Stratum Description and Observations           DI         1.00         V         44.00         0.15         Exact         Orange town only of SAND           D2         2.00         MP         21/7mm         2.00         Orange town only of SAND         Orange town sally sandy CLAY           D3         3.00         MP         24/7mm         2.60         Orange town sally sandy CLAY         Image town sally sandy CLAY           D4         4.00         V         90.00         Image town sally sandy CLAY         Image town sally sandy CLAY           D4         4.00         V         90.00 <t< th=""><th>Tynda</th><th>ales Fa</th><th></th><th>thend f</th><th>Road, Woo</th><th></th><th></th><th>Tel: 0844 3358908         Appendix No::         2           Fax: 0844 3358907         FSI Job No::         7643           Email: enquiries@fastrack-geotechnical.co.uk         Web: www.fastrack-geotechnical.co.uk</th><th></th></t<>	Tynda	ales Fa		thend f	Road, Woo			Tel: 0844 3358908         Appendix No::         2           Fax: 0844 3358907         FSI Job No::         7643           Email: enquiries@fastrack-geotechnical.co.uk         Web: www.fastrack-geotechnical.co.uk	
Itent Claim Ref.         Alistair Langhore         Survey date:         Operative:           pre-bole:         BH1         Hole Type:         FA         Scale:         1:50           are survey date:         Stratum Description and Observations         Stratum Description and Observations         Oceaned Stratum Description and Observations         Image: Stratum Description and Observations         Image: Stratum Description and Observations           D1         1:00         V         44:00         Image: Stratum Description and Observations         Image: Stratum Description and Observations           D2         2:00         MP         1:075mm         2:00         Image: Stratum Description and Observations         Image: Stratum Description and Observations           D2         2:00         MP         1:075mm         2:00         Image: Stratum Description and Observations         Image: Stratum Description and Observations           D3         3:00         MP         2:075mm         2:0         Image: Stratum Description and OL         Image: Stratum Description and OL         Image: Stratum Description and OL           D4         4:00         V         90:00         2:0         Image: Stratum Description and OL         Image: Stratum Description and OL           D5         5:00         V         11:2:00         Image: Stratum Description and OL         Ima								BOREHOLE LOG	
Prohole ID:         BH1         Hole Type:         FA         Scale:         1:50           Interest Type         Institut Tests         Depth (m)         Tests         Depth (m)         Legend         Stratum Description and Observations         0:00         Stratum Description and Observations           D1         1.00         V         44.00         0:01         0:02         CORRETE         Dark (m)         Legend         CORRETE           D2         2.00         MP         1575mm         2:00         Tests         Drange brown alty CLAY         Dark (m)         Dark (m) <th>-</th> <th></th> <th></th> <th><b>:</b>:</th> <th></th> <th></th> <th></th> <th></th> <th></th>	-			<b>:</b> :					
arr Mer         Samples         Insult Tests         Own in test of the second	ient	Clai	m Ref:		A	Istair	Langhorn	e Survey date: 30/07/2012 Operative:	_
Kies         Type         Depth (m)         Type         Pesults         (m)         Ligand         OCOBIE LS           D1         1.00         V         46.00         0.35	reh	10010351500				1		Hole Type: FA Scale: 1:50	
D1         1.00         V         44.00         V         90.00         Orange SAND         Image: Sandy CLAY         Image							Legend	Stratum Description and Observations	
D1         1.00         V         44.00         V         90.00         Corrange brown claysy SAND           D3         3.00         MP         2075mm         2.00         V         91.00         0         Orange brown claysy SAND         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0								S	1
D1         1.00         V         44.00         V         Figure 1           D2         2.00         MP         15/76m         2.00         Noted to contain gravel at 1.80m           D2         2.00         MP         15/76m         2.00         Crange brown dayey SAND           D3         3.06         MP         21/75m         2.00         Crange brown dayey SAND           D3         3.06         MP         23/75m         3.60         orange brown silly sandy CLAY           D4         4.00         V         90.00         orange brown silly sandy CLAY         Noted to contain gravel at 4.50m           D6         5.00         V         112.00         Figure 1         Orange brown silly sandy CLAY           D6         6.00         MP         27/75mm         8.80         Orange brown silly sandy CLAY           D7         7.06         MP         23/75mm         6.80         Crange brown silly sandy CLAY           D8         8.00         V         140.00         8.00         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         Crange bro						10000	x		/
D2         2.00 2.08 MP         MP 247/5mm 225         157/5mm 247/5mm 3.08 MP         2.00 2.07         Noted to contain gravel at 1.80m           D3         3.00 3.08 3.09         MP 247/5mm 3.25         207/5mm MP         2.00         Orange town altry SAND           D4         4.00         V         90.00         orange town altry andy CLAY           D4         4.00         V         90.00         orange town altry andy CLAY           D5         5.00         V         112.00         orange town altry andy CLAY           D6         6.00 6.23         MP 51/75mm 6.23         7/75mm P         8.00           D7         7.00 7.23         MP 33/75mm 7.25         8.00         V         140.00         8.00           D8         8.00         V         140.00         8.00         Tange town SAND and GRAVEL           D8         8.00         V         140.00         8.00         Tange town SAND and GRAVEL							x_x_x	Dark brown silty CLAY	
D2         2.00 2.08 MP         MP 247/Smn 247/Smn 3.23         2.00 MP         Noted to contain gravel at 1.80m           D3         3.00 3.08 MP         MP         207/Smn 2.60         Corange brown daysy SAND           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         orange brown silty sandy CLAY           D5         5.00         V         112.00         orange brown silty sandy CLAY           D6         6.00 6.23         MP         7/75mn 7.23         8.80         orange brown SAND and GRAVEL           D7         7.00 7.20         MP         33/75mn 7.50         orange brown SAND and GRAVEL           D6         8.00         V         140.00         8.00         orange brown SAND and GRAVEL           D6         8.00         V         140.00         8.00         orange brown SAND and GRAVEL		DI	1.00	v	44.00		xX		
D2       2.00       MP       2475mm       2.00       Orange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D4       4.00       V       90.00       orange brown silty sandy CLAY         D4       4.00       V       90.00       orange brown silty sandy CLAY         D4       4.00       V       91.00       orange brown silty sandy CLAY         D4       4.00       V       114.00       orange brown silty sandy CLAY         D6       6.00       MP       775mm       6.80         D7       7.00       MP       2475mm       6.80         D8       8.00       V       140.00       8.00       Final Advisor         C8       MP       2475mm       Final Advisor       Final Advisor         D8       8.00       V       140.00       8.00       Final Advisor		DI	1.00		44.00		<u>x_x_x</u>		
D2       2.00       MP       2475mm       2.00       Crange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D4       4.00       V       90.00       orange brown sity sandy CLAY         D4       4.00       V       90.00       orange brown sity sandy CLAY         D4       4.00       V       91.00       Noted to contain gravel at 4.50m         D6       6.00       MP       775mm       6.80         D7       7.00       MP       2475mm         MP       275mm       6.80       MP         D8       8.00       V       114.00         D8       8.00       V       140.00         B8       8.00       V       140.00         B8       8.00       V       140.00         B8       8.00       V       140.00							×		
D2       2.00       MP       2475mm       2.00       Crange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D3       3.00       MP       2475mm       2.60       Orange brown clayey SAND         D4       4.00       V       90.00       orange brown sity sandy CLAY         D4       4.00       V       90.00       orange brown sity sandy CLAY         D4       4.00       V       91.00       Noted to contain gravel at 4.50m         D6       6.00       MP       775mm       6.80         D7       7.00       MP       2475mm         MP       275mm       6.80       MP         D8       8.00       V       114.00         D8       8.00       V       140.00         B8       8.00       V       140.00         B8       8.00       V       140.00         B8       8.00       V       140.00							x x		
2.08         MP         24/7smm         Crange brown clayey SAND           D8         3.08         MP         21/7smm         Coarge SAND           D8         3.09         MP         20/7smm         Coarge SAND           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         Noted to contain gravel at 4.50m           D6         5.00         V         112.00         Noted to contain gravel at 4.50m           D6         6.00         MP         27/7smm         6.80           D7         7.00         MP         27/7smm           7.33         MP         28/7smm           7.40         MP         27/7smm           D8         8.00         V         140.00           D8         8.00         V         140.00         8.00		00	0.00		45.00		× × ×	Noted to contain gravel at 1.80m	
2.23     MP     21/75mm     2.60       D3     3.08     MP     2075mm     3.60       D4     4.00     V     90.00       D4     4.00     V     90.00       D5     5.00     V     112.00       D6     6.08     MP     7/75mm       6.23     MP     2875mm       D6     6.00     MP       7/7     7.5mm       6.23     MP       7/7     7.5mm       7/8     MP       7/7     7.60       7/8     MP       7/7     7.60       7/8     MP       7/7     7.60       7/8     MP       7/8     MP       7/8     MP       7/7     7.60       7/8     MP       8.00     V       140.00     8.00		02	2.08	MP	24/75mm	2.00		Orange brown clayey SAND	
D8         3.00 3.15         MP MP         2075mm 2475mm 2475mm         3.60         orange SAND           D4         4.00         V         90.00         orange brown silty sandy CLAY           D4         4.00         V         90.00         orange brown silty sandy CLAY           D6         5.00         V         112.00         orange brown silty sandy CLAY           D6         6.00         MP         775mm 775mm         orange brown silty sandy CLAY           D6         6.00         MP         775mm 775mm         orange brown silty sandy CLAY           D7         7.00         MP         2375mm 775mm         orange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00           D8         8.00         V         140.00         8.00			2.15 2.23	MP MP	21/75mm 21/75mm				
D3         3.00 3.25         MP MP         2075mm 2075mm 2875mm 2875mm         3.60           D4         4.00         V         90.00				5.19355		2.60		Orange SAND	
3.08         MP         27/75mm           3.23         MP         28/75mm           3.60         V         90.00           V         90.00           V         94.00           D5         5.00         V           D6         6.00           6.08         MP           D7         7.00           MP         23/75mm           7.15         MP           MP         23/75mm           7.15         MP           MP         23/75mm           7.15         MP           MP         23/75mm           7.80         7.80           7.80         7.80           7.80         7.80           7.80         8.00           V         140.00           8.00         V           140.00         8.00		1000	101222-0					Starge Starb	
3.23         MP         2875mm         3.60         orange brown silty sandy CLAY           D4         4.00         V         90.00         -         Noted to contain gravel at 4.50m           D5         5.00         V         112.00         -         Noted to contain gravel at 4.50m           D6         6.00         MP         7/75mm         -         -           6.15         MP         7/75mm         -         -           07         7.08         MP         3275mm         -           7.80         MP         3375mm         -         -           7.80         MP         33.75mm         -         -           7.80         MP         33.75mm         -         -           7.80         Image         -         -         -           7.80         Image         -         -         -           140.00         8.00<		D3	3.08	MP	17/75mm				
D4         4.00         V         90.00         Image brown silly sandy CLAY           D5         5.00         V         112.00         Image brown silly sandy CLAY           D6         6.00         MP         7/75mm         Image brown silly sandy CLAY           D6         6.00         MP         7/75mm         Image brown silly sandy CLAY           D6         6.00         MP         7/75mm         Image brown silly sandy CLAY           D7         7.00         MP         23/75mm         Image brown silly sandy CLAY           D8         8.00         V         140.00         8.00         Image brown silly sandy CLAY           D8         8.00         V         140.00         8.00         Image brown silly sandy CLAY					24/75mm 28/75mm				
D4         4.00         V         90.00 94.00         Noted to contain gravel at 4.50m           D5         5.00         V         112.00         Noted to contain gravel at 4.50m           D6         6.08         MP         7/75mm         6.80           D7         7.00         MP         23/75mm         6.80           D7         7.08         MP         23/75mm         6.80           D8         8.00         V         140.00         8.00         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m				108504		3.60		oranne brown silty sandy CLAV	_
V         94.00         August 12.00         Noted to contain gravel at 4.50m           D6         5.00         V         112.00         Noted to contain gravel at 4.50m           D6         6.08         MP         775mm         Noted to contain gravel at 4.50m           D6         6.08         MP         775mm         Noted to contain gravel at 4.50m           D6         6.08         MP         775mm         Noted to contain gravel at 4.50m           D7         7.00         MP         2375mm         Noted to contain gravel at 4.50m           D7         7.08         MP         3775mm         Noted to contain gravel at 4.50m           D8         8.00         V         140.00         8.00         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m				1.03				Vialige Down silly salidy OLAT	
D5         5.00         V         112.00         Image: state		D4	4.00						
D5         5.00         V         112.00         Image: state									
V         114.00         Image: Constraint of the system           D6         6.00         MP         7/75mm           6.23         MP         1/75mm           D7         7.00         MP         23/75mm           T.15         MP         33/75mm           T.23         MP         33/75mm           7.00         MP         28/75mm           7.00         MP         33/75mm           7.60         Grey CLAY           D8         8.00         V           140.00         8.00								Noted to contain gravel at 4.50m	
V         114.00         Image: Constraint of the system           D6         6.00         MP         7/75mm           6.23         MP         1/75mm           D7         7.00         MP         23/75mm           T.15         MP         33/75mm           T.23         MP         33/75mm           7.00         MP         28/75mm           7.00         MP         33/75mm           7.60         Grey CLAY           D8         8.00         V           140.00         8.00									
6.08         MP         5/75mm         6.80           D7         7.00         MP         23/75mm         6.80           D7         7.08         MP         37/75mm         6.80           D7         7.08         MP         33/75mm         6.80           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m		D5	5.00						
6.08         MP         5/75mm         6.80           D7         7.00         MP         23/75mm         6.80           D7         7.08         MP         37/75mm         6.80           D7         7.08         MP         33/75mm         6.80           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m									
6.08         MP         5/75mm         6.80           D7         7.00         MP         23/75mm         6.80           D7         7.08         MP         37/75mm         6.80           D7         7.08         MP         33/75mm         6.80           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m									
6.08         MP         5/75mm         6.80           D7         7.00         MP         23/75mm         6.80           D7         7.08         MP         37/75mm         6.80           D7         7.08         MP         33/75mm         6.80           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m									
6.23         MP         7/75mm         6.80          Orange brown SAND and GRAVEL           D7         7.08         MP         33/75mm          Grey CLAY           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m		D6	6.08	MP	5/75mm				
D7         7.00 7.08 7.15 7.23         MP MP 287/5mm 33/75mm         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m									
D7         7.00 7.08 7.15 7.23         MP MP 287/5mm 33/75mm         Crange brown SAND and GRAVEL           D8         8.00         V         140.00         8.00         End of Borehole at 8.00 m									
7.08 7.15 7.23         MP MP         33/75mm 33/75mm         7.60           08         8.00         V         140.00         8.00         End of Borehole at 8.00 m		07			00.77	6.80	NEW STREET	Orange brown SAND and GRAVEL	-
7.23         MP         33/75mm           7.60         7.60           8.00         V           140.00         8.00   End of Borehole at 8.00 m		D7	7.08	MP	37/75mm				
D8 8.00 V 140.00 8.00 End of Borehole at 8.00 m									
D8 8.00 V 140.00 8.00 End of Borehole at 8.00 m						7.60	<u>0989393</u>	Grev CLAY	
End of Borehole at 8.00 m		Da	0.00		140.00	0.00			
		08	8.00	V	140.00	8.00		End of Borehole at 8.00 m	
PY: 🔍 Water Strike D Disturbed Sample V Insitu vane test MP Mackintosh Prol	ey:		$\nabla$	Water	Strike	1	D Distu	rbed Sample V Insitu vane test MP Mackintosh Probe	T

## 3. Chelsea Park Gardens

GEO	ENVIRONMEN		drilling	1		ery Drilling	1	Borehole N BH1 Sheet 1 of	f 1
	ea Park G		is (Re-visit)	D	oject N D-5822	2	Co-ords: -	Hole Typ WS	e
Location:	32 Che	elsea	Park Gardens, L	on don	, SW3	6	Level: -	Scale 1:50	
Client:	Basem	ent F	orce				Dates: 07/01/2010	Logged B DS	У
/ell Water Strikes	Sampl Depth (m)		n Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description		T
-				0.30			MADE GROUND - Black slightly clayey gravelly silt angular fine to medium of flint and brick. Occasiona rootlets.	Gravel is al fine	ter
Ē							MADE GROUND - Light brown slightly clayey grave is fine to medium of flint and brick.	lly sand. Gravel	
-1	1.00	SPT	N=0 (0,0/-,-,-,-)	1.00			Loose brown slightly clayey fine to coarse SAND wi angular to subrounded fine to medium gravel.	th occasional	
	2.00 2.00	SPT D	N=0 (0,0/-,-,-)						
	3.00 3.00	SPT D	N =9 (0,1/0,1,4,4)	2.95			Loose becoming dense orange brown slightly grave coarse SAND. Gravel is angular to subrounded fine flint.	Ily fine to to medium of	
4	4.00 4.00	SPT D	N=37 (3,4/8,9,9,11)	4.45					- Lawrence
							End of Borehole at 4.45 m		
- 6									L
-7									Lassa and a state
8									
9									
- t	4 1	otion	oit to 1.20mbgl.						ŀ

## 4. Drayton Gardens

GEO	ENVIRON		I <mark>r drillin</mark> Drilling special	LISTS	roject N			Borehole N BH1 Sheet 1 of Hole Type
-	ame: on Garder	ıs		1200	908	10.	Co-ords: -	WS
cation: Drayto	on Garder	ns, Che	elsea, London,	SW10	9SA		Level:	Scale 1:50
ient: isemen	t Force						Dates: 30/01/2013	Logged B OW
Water Strikes	Sampl Depth (m)	es & In Type	Situ Testing Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	ale
	0.50 0.60	D ES		0.10			Light grey reinforced CONCRETE. MADE GROUND - (Very soft dark brown mottled orar gravelly very sandy clay with rare concrete cobbles an medium gravel size pockets of very clayey sand. Gra- angular to subrounded, fine to coarse of brick, concre- flint).	nd rare vel is
	1.00 1.30 2.00	D D SPT	N=7 (1,2,2,1,2,2) N=8 (2,2,2,3,1,2)	1.15			MADE GROUND - (Loose orangish brown gravelly cl. clayey sand with rare medium gravel size pockets of sandy clay and rare coarse gravel size subangular br fragments. Sand is fine to coarse. Gravel is subangul subrounded, fine to coarse of filmt). Between 1.75m to 2.0m with rare dark brown root	vervisoft ick arto
	2.50	D		2.45			Orangish brown gravelly clayey to very clayey fine to SAND with occasional thin laminations of dark brown clay. Gravel is subangular to subrounded, fine to coar	very sandy
- 3	3.00 3.00	SPT D	N=11 (3.3.3,2,3.3)				flint. From 3.0m medium dense.	
4	4.00 4.00	SPT D	N=19 (4,6,4,5,5,5)	4.80			From 4.00m with frequent thick laminations of dark sandy clay.	k brown
5	5.00 5.00	SPT D	N=45 (5.9, 10, 10, 11, 14)	5.45			Dense light brown slightly clayey very gravelly fine to SAND. Gravel is subangular to subrounded, fine to co flint.	medium barse of
6							End of Borehole at 5.45 m	
8								
Ē	1. No g							

## 5. Radnor Walk

			DRILLING SPECIAL						Borehole WS2 Sheet 1 o	of
roject N 3 & 18 F	ame: Radnor W	alk			roject N 1991	0.	Co-ords	:: -	Hole Typ WS	e
ocation: oyal Bo	rough of b	Kensin	gton and Chels	ea,			Level:	-	Scale 1:50	
asemen	SW3 4BN t Force						Dates:	29/05/2013	Logged E DM	Зy
Water Strikes		es & In Type	<b>Situ Testing</b> Results	Depth (m)	Level (m AOD)	Legend	10	Stratum Description		
E		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.10		~~~~	MADE GROUN coarse, sand)	ID - (Concrete slab over light yellowi	sh brown, fine to	1
	0.40-0.50	D					gravelly, sandy size pockets of	ID - (Very soft, dark yellowish brown , clay, with frequent medium to coars light orangish brown and yellow san	se, gravel dv clav.	
	0.80-1.00 1.00	D SPT	N=2 (1,0,1,0,1,0)				and clinker).	r to sub angular, fine to coarse, flint,	Drick	
E	1.30-1.50	D		1.50			thinly b coarse, san	edded with dark brownish orange, fir id from 1.25mbgl.	ne to	_
1111	1.70-1.90	D					Dark orangish t is sub angular t	brown, gravelly, silty, very sandy, CL to sub rounded, fine to coarse, flint.	AY. Gravel	
E <sup>2</sup>	2.00	SPT	N=2 (1.0.1.0, 1.0)							
							occasio brown fine t	onal fine to coarse gravel size pocket to coarse sand from 2.40mbgl.	ts of dark	
E.	2.70-3.00 3.00	D SPT	N=46 (8,7,10,11,11,13)							
E	3.40	SPT	53/150mm (10, 15, 24, 29)	3.20			Light brownish coarse, SAND.	yellow and orangish yellow gravelly,	fine to	
		108014		3.70		10444		End of Borehole at 3.70 m		
- 5 										

# 6. Abbotsbury Close

୭				DRILLING SPECIAL	ISTS			Borehole N BH1 Sheet 1 of	1
	ect Na emen	ame: t Ground	Invest	igation	1.000	roject N 2064	lo.	Co-ords: - Hole Type WS	;
	tion:	sbury Clo	ose, Lo	ndon, W14 8EC	2			Level: _ Scale 1:50	
Clier Base		t Force						Dates: 09/08/2013 Logged By OW	y
ell	Water Strikes	Samp Depth (m)		Situ Testing Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	
		0.40	ES					MADE GROUND - Firm dark brownish grey silty sandy gravelly dessicated clay. Gravel is subangular to subrounded, fine to coarse flint, brick and concrete.	
		0.60	D		0.55			Firm, dark orangish brown, sandy gravelly CLAY. Gravel is fine to coarse, subangular to sub rounded flint.	
-	-1	1.00 1.00	SPT ES	N=22 (5.4.4.5.6.7)				with occasional dark brown root traces from 1m	
		1.80			1.70		110	Medium dense, light orange brown, clayey gravelly fine to coarse	+
	-2	2.00	D SPT	N=16(67,6,4(3,3)				SAND. Gravel is subangular to subrounded fine to coarse flint.	
		2.50	D		2.35			Firm, light brown, very sandy, gravelly CLAY. Gravel is subangular to subrounded, fine to coarse flint.	
	-3	3.00	SPT	N=12 (4,2,3,3,3,3)					
	2	3.50	D		3.50			Firm, light brown, sandy slightly gravelly CLAY, with thinly laminated brown clayey sand. Gravel is subangular to subrounded	-
	4	4.00 4.00	SPT D	N≈35 (2,7,10,9,5,8)	4.00			fine to coarse flint. Dense becoming very dense, dark orange brown, clayey very gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
	5	5.00 5.00	SPT D	N=25 (6,6,7,6,7,8)					
	6	5.80 6.00	SPT D	N=53 (11,12,14,14,14,11)					
	-				6.25		70.500	End of Borehole at 6.25 m	
	7								
	8								
	-9								
lem	arks:			ased to 2mbgl mpler refusal a					ŀ

## 7. St Luke's Road

	Name: Lukes Roa	ad		1000	roject N 2075	lo.	Co-ords: -	Hole Type WS
catio: eater	1: London V	N11 1D	P				Level: _	Scale 1:50
ient: aseme	ent Force						Dates: 02/09/2013	Logged B DM
Wat Strik	er Sam es Depth (m		Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	1
SE.				0.05		*****	CONCRETE PAVING SLAB	
ST I	0.50	D		0.35			MADE GROUND - Dark brown and light brownis gravelly, fine to coarse, sand. Gravel is angular angular, fine to coarse, brick, concrete, flint.	
E.				0.70			CONCRETE	/
	1.00 1.00 1.30	SPT D D	N=7 (2.2.2.2,1.2)	1.20			MADE GROUND - Dark brown, slightly silty, ver coarse, sand, with frequent sub angular cobbles rare cobbles concrete. Gravel is angular to sub coarse, brick, concrete, clinker.	of brick and
E.	1.80	D		1.70			MADE GROUND - Loose, light brownish red and very sandy, sub angular to sub rounded, fine to brick, concrete and flint. Sand is fine to coarse.	d dark brown, silty, coarse, gravel,
-2	2.00	SPT	N=15(223,3,4,6)	2.50			MADE GROUND - Light brownish orange mottle sandy, silty, clay, with occasional fine to coarse pockets of dark brown gravelly clay. Gravel is su	gravel size /
	2.55 2.60 3.00	IVN V2 D SPT	V≈49.3 №13(122.3.44)	2.00		X X X	to medium, brick, clinker and flint. MADE GROUND - Firm, dark brown and dark bi gravelly, clay. Gravel is sub angular, fine to coar	
	0.00					<u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u>	\ and brick. Firm, medium strength, light brownish orange m slightly silty, CLAY.	ottled light grey,
E	3.80	D		3.70		X	Firm becoming stiff, medium becoming high stre	enath light brown
	4.00	SPT	N=14(2,2,3,3,3,5)			X X X	silty, CLAY, with thin to very thin laminations of silty clay.	
	4.60 4.70	D IVN V4	V=74.7			<u>x</u> <u>x</u> <u>x</u>		
5	5.00	SPT	N=16(2.2.3.4.4.5)			<u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u>		
	5.60 5.70	IVN V5 D	V=92.3			<u>x</u> <u>x</u> <u>x</u> <u>x</u>	Stiff, high strength	
6	6.00	SPT	N≈22 (3,3,5,5,5,7)			x x x		
	6.50 6.50	IVN V6 D	V=93.3			<u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u>	occasional fine to coarse gravel size po disseminated selenite.	ckets of
-7 	7.00	SPT	N=19(2,2,3,5,5,6)			× × ×		
	7.60 7.60	IVN V7 D	V=97.3			× × ×		
- 8	8.00	SPT	N=20 (2.3.3.8,5,6)			<u>x</u> <u>x</u> <u>x</u> <u>x</u> <u>x</u>		
Ner Le				8.45			End of Borehole at 8.45 m	
- 9								

## 8. Astell Street

			I <mark>r drillin</mark>	LISTS				Borehole N WS1 Sheet 1 of
oject N Astell S				1.223	roject N 2089	10.	Co-ords: -	Hole Type WS
cation: oyal Bo		Kensin	gton and Chel	sea SM	/3		Level:	Scale 1:50
ient: isemen	t Force						Dates: 04/09/2013	Logged By DM
Water Strikes	Sampl Depth (m)	es & In Type	Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description	de.
). F	0.10	D		0.05 0.20			CONCRETE PAVING SLAB	
E	0.50	D					MADE GROUND - Dark blackish brown, gravelly, very s coarse, sand. Gravel is fine to coarse, sub rounded, brid	silty, fine to
E							MADE GROUND - Light grey and light brownish grey, s silty, gravelly, fine to coarse, sand, with occasional sub	lightly
E1	1.00 1.00	SPT	N=8 (2, 1, 3, 2, 2, 1)	0.90			angular bobbles of brick. Gravel is sub angular, fine to o	coarse,
E	1.00	D					MADE GROUND - Loose, light brownish orange and da	
F	1.60	D		1.50			gravelly, fine to coarse, sand, with occasional sub angu cobbles of brick. Gravel is sub angular, fine to coarse, b	nar prick. /
F	1.90	D		1.90			MADE GROUND - Light brownish red and light brownis sandy, sub angular, fine to coarse, gravel, brick, clinker	h yellow, very
-2 E	2.00	SPT	N=1 (0,0,1,0,0,0)	a ceres			Sand is fine to coarse.	/
E				2.50			MADE GROUND - Very loose, light brown and light bro gravelly, fine to coarse, sand. Gravel is sub angular, fin	wnish red, e to
E	2.60-2.80	D		2.50			coarse, brick.	/
E3	3.00	SPT	N=5 (1,1,1,1,1,2)			100000	Loose becoming medium dense, light brownish orange brownish yellow, slightly gravelly, silty, fine to coarse, S Gravel is sub rounded, fine to coarse, flint.	AND.
E							Gravel is sub rounded, line to coarse, fint.	
ŧ								
E	3.60-3.70	D				1999		
-4	4.00	SPT	N=7 (1,1,1,2,2,2)					
E						1.5		
E	4.60-4.80	D				10.25		
F,						10.201		
E 5	5.00	SPT	N=13(2.3.3.3.4)					
SE				5.45		10-2472	End of Borehole at 5.45 m	
E							End of Bulenole at 5.45 m	
-6								
F								
E								
Ē								
E7								
E								
E								
-8								
E								
E								
E								
-9								
E								
Ę								
E								
marks:			nspection pit e water encount		ed to 1	.00mbgl		

## 9. Abbotsbury Road

ଡି				drilling		Discov	ery Drilling	Ltd		Borehole N BH1 Sheet 1 of
	ject N bbotsl	ame bury Road	ł		12.25.15	roject N 181	lo.	Co-ords	: -	Hole Type WS
Loc	ation:	Londor	1 W14	<b>L</b> at				Level:	-	Scale 1:50
Clie	nt:	Basem	ent F	orce				Dates:	12/11/2007	Logged By K Blanke
√ell	Water Strikes	Sample Depth (m)	es & la Type	n Situ Testing Results	Depth (m)	Level (m AOD)	Legend		Stratum Description	
					0.07			CONCRETE MADE GROUN fine to coarse. brick, concrete,	D. Brown sandy clayey gravelly br Gravel is angular to subrounded, fi flint and tiles.	rick fill. Sand is ne to coarse
		1.20	SPT	N=14 (1,2,2,3,4,5)	0.00			Stiff light brown Sand is fine.	and grey mottled silty slightly sand	ty CLAY.
		1.20-1.65	D		1.60			CLAY with some	light grey and orange brown mottle e subangular to rounded fine to co	ed sandy arse flint
		2.00 2.00 2.00-2.45	SPTN D D	=53 (4,4,13,12,13,15)					dark brown speckles appear with rey with dark orange brown mottlei AY Sand is fine to coarse. Grave coarse flint.	
		3.00 3.00 3.00-3.45	SPT I D D	N=43 (7,13,14,12,9,8)	2.60			Dense dark ora	nge brown SAND and GRAVELS is angular to rounded fine to coarse	Sand is medium to
		4.00 4.00	CP TN D	=43 (8,10,10,11,12,10)	5					
		5.00 5.00	СРТ D	N=34 (8,8,8,9,8,9)						
		5.50-5.75	D		5.50 5.70		dagents	Very stiff dark b	rown, mottled grey CLAY.	
		5.75-6.00 6.00	DCPT	N=35 (8,8,9,8,9,9)	6.00		2-2-2	Very stiff grey C		
									End of Borehole at 6.00 m	
Ren	narks:	Drilled to	6m.	rough base to T Backfilled to 4.4 mpletion.						INVESTOR

# 10. Evelyn Gardens

GE			drilling	1-1-		ery Drilling Lt	u	Borehole N BH1 Sheet 1 of
roject   3 Evel	Name yn Gardens	5			roject N D-13E		Co-ords: -	Hole Type Cable
ocatior	: 13 Evel	yn Ga	rdens, Kensingto	on, Loi	ndon, S	SW7 3BE.	Level:	Scale 1:50
lient:	Baseme	ent Fo	rce				Dates: 14/01/2010-15/01/2010	Logged By RC
ell Wate Strike	er <b>Samp</b> S Depth (m)		n Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description	
1	0.00-2.30	В		2.30		5	AADE GROUND - Soft dark grey slightly sandy very sand is fine to coarse. Gravel is angular to subangul o coarse of brick and flint.	r fine
	3.00	CPT	N=19 (3,4/4,5,5,5)			C.	/edium dense brown sandy angular to subangular fir SRAVEL.	e to coarse
	3.20	В		3.20		E	Dense to very dense orange brown gravelly SAND. C ngular to subangular fine to coarse.	iravel is
- 4	4.00		N=53 (0,1/2,7,11,33) N=50 (1,2/5,7,13,25)					
	6.00	CPT	N=50 (3,4/6,9,16,19)					
,	7 6.80 7.00 7.00-7.45	B SPT D	N=18 (2,5/5,4,4,5)	6.80		S	stiff to very stiff grey CLAY.	
8	8.00 8.00-8.45	SPT D	N=23 (3,3/6,5,6,6)					
9	9.00 9.00-9.45	SPT D	N=28 (3,4/5,8,7,8)				End of Borehole at 10.00 m	

## 11. Guthrie Street

0				drilling		Discov	ery Drilling	Ltd		Borehole I BH1 Sheet 1 o	
	ect N hrie S				12.25.15	roject N 185	lo.	Co-ords:	:-	Hole Typ WS	e
Loc	ation:	Chelse	а					Level:	•	Scale 1:50	
Clie	nt:	Basem	ent F	orce				Dates:	13/11/2007	Logged B K Blanke	
Vell	Water Strikes			n Situ Testing Results	Depth (m)	Level (m AOD	Legend		Stratum Description		
		0.50	D		0.05			MADE GROUND	D. Pea Gravel over teram D. Dark brown slightly gravelly sand Gravel is angular to subangular fine	dy clay. Sand is to coarse	1
		1.00	D		0.60			MADE GROUND	rete and ceramic. D. Soft brown slightly gravelly claye Gravel is angular to subrounded fine oncrete.	y sand. Sand is to coarse	A
		1.20 1.20-1.65	SPT D	N=2 (0.0.0.0.1.1)	1.45			Medium dense b clayey with dept	brown clayey fine fine to medium SA In grading to very sandy CLAY.	ND becoming very	
		2.00 2.00	SPT	N=29 (0,2,3,6,9,11)	2.00			Stiff brown slight	tly gravelly very sandy CLAY. Sand I is angular to subrounded fine to m	t is fine to edium flint	-
		2.00-2.45	D		2.30			Dense becoming occasional angu	g very dense light brown medium to ilar to rounded fine to coarse flint gr ly gravelly with depth.	coarse SAND with	
		3.00 3.00	SPTN D	=63 (3,10,15,17,16,15)							
		4.00 4.00	SPT8 D	0/150mm - Abandoned	4.10				End of Borehole at 4,10 m		
Rem	arks:	Backfille Refused	d with at 4.	n arisings 1m							Could -