BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH4 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 41.65 m OD

ampling			Prope	rties		Strata	a								Scale 1	:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	_						ac. **							G.L.	× 0	41.6
0.30- 0.60	В					\ <u> </u>	E GROUN						/	0.30	******	41.3
0.30 0.30	_ D - E						rete wi E GROUN	th reinfo D]	rcing.	**			1	<u> </u>		
1.00	- - D							brown, lo						<u>-</u>		
1.00 1.10	- E - D					occas	sional	pockets ( s deposit	up to	3mm in	size)	of blac	k	1.10	· · · · · ·	40.
1.20- 1.65	D	1.20 (DRY)			S9	calca	areous	fine to m siltstone	٠.	quartz:	ite, fl	int and	l	Ē		
								ADE GROUN		esence	of cla	ystone.	.	<u> </u>		
2.00	- - D - E							laminate					gandy	2.00		39.6
2.00						sligh	ntly gr	avelly CI fine to m	AY. Gr	avel i	s angul	ar to	-	<del> -</del>		
	<u> </u>					Firm	brown	locally h	luish	grey a	nd oran	ge brow		<u> </u>		
2.70- 3.15	U40	1.20 (DRY)	67	34				Y, thinly edium str		ated in	n parts	•		<u> </u>		:]
3.15	— - р							, fissure						-		
3.15	- D							gypsum cr ced and r					emery	+		:
	F													F		:
	_													<u> </u>		:
4.20- 4.65	D	1.50			s11									Ė		:
	-	(DRY)												-		
	_													Ī.		.]
	_													<u> </u>		
	_													Ė		
	-													-		
5.70- 6.15	- υ70 -	1.50 (DRY)												Į Į		
6.15	_ - D						w 6.15m ontinui	, polishe	d surf	ace on	some			-		
	_													_		
	_													<u> </u>		
	<u> </u>													<u> </u>		
7.20- 7.65	D	1.50 (DRY)			s15									ļ.		
	_	(21(1)			-	Stiff	E thinl	y laminat	ed fis	sured 1	brownis	h grey		7.50		34.1
7.70- 8.00	- в					close	ely spa	LAY. Fiss	mly or	ientate				<u> </u>		
	_					silt	dustin	gs on son	e surf	aces.				-		× ×
	[													Į Į		× ×
8.70- 9.15	- UT90	1.50												-		*
		(DRY)												_		× ×
9.15	- D							, with or some sur			k grey	silt		<u> </u>		
9.60	- Б							ecovered						<u> </u>		
9.00								ng grey o					-	Ī		
	_													_		×
oring Hole	·			^	Progre		Depth to	0 5 :	-·	Grour Depth	ndwate Depth	т	in	Depth	Rema	rks on
epth Dia		Technique		Crew	of Hole	Cased		Date 21/08/12	Time	Struck		Rose to	Mins	Sealed		dwater
	Inspect Cable I			DC	20.00	1.50	DRY	21/08/12			1	1			during b	

Figure

All dimensions Logged in accordance with BS5930:1999 + A2:2010 are in metres.

key sheet.

Remarks

Inspection pit hand excavated to 1.20m depth, 0.5 hours breaking out concrete.

\*\*\* Drillers description.

Symbols and abbreviations are explained on the accompanying key sheet.

Symbols and abbreviations are explained on the accompanying key sheet.

\*\*\* Drillers description.

E sample = 1 x vial, 1 x plastic jar and 1 amber jar

A 50mm standpipe was installed to 5.00m with a geowrapped slotted section from 2.00m to 5.00m, with flush lockable protective cover. Backfill details from base of hole: arisings up to 7.00m, bentonite seal up to 5.00m, gravel filter up to 2.00m, bentonite seal up to 0.30m, concrete up to ground level.

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NT/CO

1 of 2 20/09/2012

Logged by

Project BACTON LOW RISE, GOSPEL OAK, NORTH Engineer ROLTON GROUP BOTEL NO. PC124991

Client ROLTON GROUP Ground Level 41.65 m OD

Sampling			Prope	rties		Strata	a								Scale 1:	50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	-													-		
0.20-10.65	D	1.50 (DRY)			S26									Ē		
	-													+		
	Ę													Ę.		
														E		
	-													‡		
1.70-12.15	T U100	1.50												F		
	_	(DRY)												L		
2.15	- D													‡		
	Ę													Į.		
														<u> </u>		
	_													_		
3.20-13.65	D	1.50 (DRY)			S25									Ę.		
	Ė	(DRI)												Ė		
	-													‡		
	_													F		
														<u> </u>		
														+		
4.70-15.15	_ U110 -	1.50 (DRY)												Į.		
5.15	_ - д					Belov	w 15.15r	n, becom	ing sti	ff to t	ery st	iff and	grey			
5.50	_ D					and i	DIOWILLSI	i grey ii	ii colou	ı <b>.</b>				‡		
3.30														E		
	_													Ł		
	-													‡		
6.40-16.85	D	1.50			s31	shell	l fragme	10-16.851 ents and	rare c	rare f range b	ine gr crown s	avel si ilt dus	zed tings	<u> </u>		
	Ė	(DRY)				on so	ome disc	continui	ties.					Ė		
	_													<u> </u>		
	Ę													Į.		
	Ē													‡		
	-													‡		
7.90-18.35	_UT110	1.50 (DRY)												F		
8.35	D					fine	to coar	n, with or se grave	occasio el size	onal and d calca	gular t areous	o subro siltsto	unded ne /	‡		
	E					mudst	cone.							Ė		
	-													‡		
	_													F		
9.50-19.95	D	1.50			s38									Ė		
	<u> </u>	(DRY)												‡		
	E													20.00		21.
oring			ļ		Progre	ess		Eı	na of B	Groun	e idwate	r				
epth Hole Dia		Techniqu	е	Crew	Depth of Hole	Depth Cased	Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Remar Ground	
marks 📭																
marks RGS														Log <u>g</u> Figu	•	T/CO : of 2

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Figure 2 of 2 20/09/2012



ProjectBACTON LOW RISE, GOSPEL OAK, NORTH LONDONProject NoPC124991

Client ROLTON GROUP

Hole	Depth	Level	Type	SWP	Seating	g Drive		Test	Drive		SPT 'N'		Unco	rrecte	d SP1	Γ
	m bgl	m OD	,,,,,	(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	Value	10	20	'N'	40	50
3H4	1.20	40.45	S	-	1	1	2	2	2	3	9	*	1	 		 
3H4	4.20	37.45	S	-	1	2	2	3	3	3	11	*	-	-	-	
3H4	7.20	34.45	S	-	2	3	3	4	4	4	15		*	!	1	-
3H4	10.20	31.45	S	-	3	4	6	6	7	7	26		i	*	i	i
3H4	13.20	28.45	S	-	3	4	6	6	6	7	25	1	1	*	 	1
3H4	16.40	25.25	S	-	3	5	7	7	7	10	31		 	*	 	1
3H4	19.50	22.15	S	-	3	10	8	9	10	11	38	1	-		*	
Driller			David	Cowling	J		Remark				carried out in					
Hammer No.			EQU4				22476-3									
nergy Ratio			74.00													
Calibration D	)ate		23/03	/2012												

<sup>-/-</sup> Blows/penetration (mm) after seating



<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH5 ROLTON GROUP Project No PC124991

Client Ground Level 44.75 m OD ROLTON GROUP

	N GROUI	Ρ	D	u4! c -		Ct 1							Ground	Level 4		m OD
Sampling		Denth	Prope		T	Strata	3							T	Scale 1	:50
Depth	Sample Type	Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
0.30- 0.90	_ - - - в						ac. ** E GROUN	D]						G.L. 0.05 0.30	, , , , , , , , , , , , , , , , , , ,	44.75 44.70
0.30 0.30	_ D - E						rete. *							/E		
0.90- 1.20 0.90 0.90 1.20- 1.65	- B - D - E	1.20			<b>s</b> 6	roots coars	. Gra	sandy gra vel is an k, flint, D]	gular	to suba	angular	fine t		0.90		43.85
1.80	- D	(DRY)			50	sandy angul	CLAY to	h brown m with occa subangula , becomin	sional r fine	rootle to med	ets. W dium fl	ith ran int gra	re avel.	<u> </u>		
1.90- 2.40 1.90	— В - Е					sligh	ntly mi	caceous.						-		
1.90- 2.35		1.50 (DRY)												E		
2.40- 2.85	_ U43	1.50 (DRY)												<u> </u>		•
2.85	D													‡		
3.20	_ - р							ecovered el of cla			to sub	angulaı	r	F		
3.30- 3.90 3.30	- В - D					Belov	v 3.30m	, becomin el sized	g stif	f with	occasi	onal fi	irm to	Ė		•
- · · · <del>·</del>	-						3	<u></u>						‡		+
3.90- 4.35	_ _ D	1.50			S12			, becomin d. Fissur						E		
	F	(DRY)				extre clear	emely control	losely to occasiona	very l blac	closely	gspace	d, dull		‡		
	Ī.					occas	sional :	silt dust	ing.					Ē		
	Ė													ŧ		•
	<u>L</u>													<u>_</u>		
	Ē													E		
5.40- 5.85	บ78	1.50												<u> </u>		
5.85	D	(DRY)						, fissure ced, subh					ery	Ę.		
3.03	<u> </u>					CIUSE	ery spa	ceu, subn	OL LZOII	car to	amver	cicai.		<u> </u>		
	Ļ													‡		
	Ė													<u> </u>		
	ļ													<u> </u>		
6.90- 7.35	D	1.50 (DRY)			s18									<u> </u>		
	<u> </u>	/												‡		•
	F													F		
	Ė													Ė		
	_							, becomin						<u> </u>		1
8.20	- D	1	86	3.0		dark	orangi	lour. Fis sh brown	staini:				ıth	Ę.		]
8.40- 8.70	Ξ	1.50 (DRY)	76	30		At 8.	.40m, h	igh stren	gtn					F		
8.70 8.90- 9.30	- D - В													F		
0.30- 3.30														E		}
	ļ													‡		
	E													E		
9.90-10.35	- D	1.50			s23									‡		
Boring		(DRY)			Progre	255				Grour	ndw at e	r				
Donth Hole		Technique	9	Crew	Depth	Depth	Depth to	Date	Time	Depth	Depth	Rose to	in	Depth		rks on
1.20 Dia		tion Pit		DC/LC	of Hole	Cased	Water	13/08/12		Struck	Cased	555 10	Mins	Sealed	Ground None enc	dwater ountered
		Percussi		DC/LC	25.50 25.50			13/08/12 14/08/12	18:00						during b	
					30.00			14/08/12								
					ļ											

Remarks

Inspection pit hand excavated to 1.20m depth.

\*\* Drillers description.

E sample = 1 x vial, 1 x plastic jar and 1 amber jar

A 50mm standpipe was installed to 5.00m with a slotted section from 2.00m to 5.00m with flush lockable protective cover. Backfill details from base of hole: gravel filter up to 7.00m, bentonite seal up to 5.00m, gravel filter up to 2.00m, bentonite seal up to 0.30m, concrete up to ground level.

All dimensions Logged in accordance with BS5930:1999 + A2:2010 are in metres.

Symbols and

key sheet.

abbreviations are

explained on the accompanying

Logged by Figure 1 of 4

20/09/2012 وعماوطسأنع

Borehole Project No Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer BH5 ROLTON GROUP PC124991

Client Ground Level 44 75

lient <sub>ROLTO</sub> Sampling	N GROUP		Prope	rties		Strata	<u> </u>						Ground	Level 4	1.75 n Scale 1:	n OD 50
Depth	Sample	Depth Cased & (to Water)	Strength		SPT N	Descrip								Depth	Legend	Leve m Ol
		<u> </u>														
1.40-11.85 1.85	U100        	1.50 (DRY)	156	24		At 1:	1.85m, h	very high	slight	ly sand	ly and nae abs	with ent.		- - - - - - - - - - - - - - - - - - -		
2.90-13.35	- D	1.50 (DRY)			s26	thick	v 12.95m kness) a ize).	n, with and occas	silt p ional	artings silt po	s (up t ockets	o 1mm i (up to	n 1cm	- - - - - - - - - - - - - - - - -		
4.40-14.85 4.85		1.50 (DRY)				Belov fissv	v 14.85m ure suri	n, with c Taces.	occasio	nal bla	ick sta	ining o	n			
5.00-16.45	- D	1.50 (DRY)			s35									- - - - - - - - - - - - - - -		
7.50-17.80	UT120 	1.50 (DRY)	151	27				chinly la								
9.00-19.45	D	1.50 (DRY)			s36		w 20.00m	n, with c	occasio	_						
oring Hole					Progre Depth		Depth to			Groun Depth	Denth	T 1	in	Depth	Remar	ke on
Remarks (mbols and		Technique		Crew	of Hole	Cased	Water	Date	Time  Om, pu	Struck	Depth Cased	Rose to	Mins	Sealed	Ground ged by	

2 of 4 20/09/2012

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Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH5 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 44.75 m OD

Sampling			Proper	ties		Strata	2								Scale 1:	50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	-													-		
		1 50												Į.		
20.50-20.80	_U130	1.50 (DRY)												‡		
20.80	D													Ī.		
	_													<u></u>		
														Ē		
	-													<b>†</b>		
														Ē		
22.00-22.45	_ D	1.50 (DRY)			S34									<u></u>		
	Ē													Ė		
	-													F		
	-													‡		
	F													F		
	-													‡		
23.50-23.95	_U120	1.50 (DRY)	87	28			3.50m, wents.	with occa	sional	fine 9	ravel	sized s	hell	<u> </u>		
	_	(2111)				At 23	3.50m, 1	high stre 95-26.62	ength	ures o	ragion:	allu		‡		
23.95	_ D					polis		JJ-20.021	u, 1155	ares o	.0451011	arry		<u>F</u>		
	_													‡		
	-													‡		
	_													E		
5.00-25.45	_ D	1.50			S48									<u></u>		
		(DRY)												E		
	-													<u> </u>		
														Ē		
	_													<u></u>		
	Ē													Ė		
26.40-26.60		1.50						driller m	notes p	resence	of cl	aystone	1	<u> </u>		
26.50-26.60	- 130 - D	(DRY)				bould	der.							ŧ		
26.60-27.50 26.80-26.80		1.50			C50*/1									E		
	-	(DRY)												‡		
														E		
	-													‡		
8.00-28.50														E		
8.00 8.00-28.45	- D -UF100	1.50												‡		
8.50-28.95	D	(DRY) 1.50			s51									Ē		
	-	(DRY)												‡		
	L													Ł		
	<u> </u>													‡		
29.50-29.95	_ _U130	1.50	17	28		At 29	9.50m,	extremely	, close	ly fiss	sured,	randoml	У	Ė		
	ļ	(DRY)				orier distu	ntated a	and open during s	possi) amplin	bly afi g)	ected 1	by		‡		
29.95	- _ D					At 29	9.95m,	Fissures losely sp	become	subhor	izonta	l and		30.00		14.7
Boring					Progre	\At 29	9.50m,	very low	streng		idw at ei	r		1		
Depth Hole Dia		Technique	е	Crew	Depth of Hole	Depth	Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Remari Ground	
Dia		•			OI LIDIE	Caseu	vvalei			GUUCK	Caseu		IVIIIIS	Gealeu	Ground	w alt
1					1				1						1	

At 26.40m, UT sample shoe damaged.

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure 3 of 4



Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH5 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 44.75 m OD

Sampling		_	Prope		l	Strata	a								Scale 1	:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	-							Er	nd of B	orehole	è			30.00		14.75
	E													<u> </u>		
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oring	<u> </u>	<u> </u>	·		Progre	ess					dwate			<u> </u>		<u> </u>
epth Dia	9	Techniqu	e	Crew	Depth of Hole	Depth Cased	Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Rema Groun	rks on dwater
											_					
	1						l		1	i		1	l			

Symbols and abbreviations are explained on the accompanying key sheet.

All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure

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Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Project No

Client ROLTON GROUP

Hole	Depth	Level	Type	SWP	Seating	g Drive		Test	Drive		SPT 'N'		Un			d SPT	-
	m bgl	m OD		(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	Value	1	0 2		'N' 30	40	50
3H5	1.20	43.55	S	-	1	-	1	1	2	2	6	*		 	 		 
3H5	3.90	40.85	S	-	2	3	3	3	3	3	12		*	1	!		!
3H5	6.90	37.85	S	-	2	3	4	4	5	5	18		*		1		
3H5	9.90	34.85	S	-	4	4	4	6	6	7	23			*	1		1
3H5	12.90	31.85	S	-	3	4	6	6	7	7	26			*	-	i	i
3H5	16.00	28.75	S	-	6	8	8	9	9	9	35			 	1		1
3H5	19.00	25.75	S	-	6	7	8	9	9	10	36			1	. *		1
3H5	22.00	22.75	S	-	6	8	8	8	9	9	34			 	*	I	1
3H5	25.00	19.75	S	-	8	8	10	11	13	14	48					-	*
3H5	26.80	17.95	С	-	50/1						50*/1			!	!	!	>
3H5	28.50	16.25	S	-	6	7	11	11	13	16	51		<u>                                     </u>	 		!	*
Driller		<u> </u>	David	I I Cowling	9	I.	Remark										
Hammer No.			EQU4	136			Equipm 22476-		ked and c	alibration	carried out i	n acco	ordan	ce w	/ith B	S EN	ISO
Energy Ratio	, Er (%)		74.00	1													
			<del>                                     </del>	/2012			1										

<sup>-/-</sup> Blows/penetration (mm) after seating



PC124991

<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH6 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 43.13 m OD

Sampling		_	Prope	rties	l	Strata	l .								Scale 1	:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	tion							Depth	Legend	Level m OD
	- 7.	(**************************************				Concr	ete sla	ab. **						G.L. 0.17	b. ° ° . △ · }	43.1
0.30	E					[MADE	GROUNI	)]					/			
0.50	_ D						fill. GROUNI						/	0.50		42.6
1.00	- E							nottled l						-		
1.20- 1.65	- D	NIL			s9	subro	unded f	ine to	medium	quartz	, flint	, brick	and	1.20		41.9
		(DRY)					GROUNI	)]					/			
	E					Stiff	brown	mottled	bluish	grey	CLAY.			<u> </u>		
2.00	_ D													<u> </u>		
	F													<u> </u>		
	Ė													<u> </u>		
2.70- 3.15	U40	NIL (DRY)	82	32		At 2.	70m, hi	igh stre	ngth					<u> </u>		
	-													_		
3.20	D							red brown					range	3.20		39.9
	Ē					extre	mely to	y lamina very c dull and	losely	spaced	, rando	mly	ngish	<u> </u>		
	_						staini		a crean	WICH	00000	1141 010	9 _ D	_		
4.20- 4.65	- D	2.50			s18									<u> </u>		
	E	(DRY)												<u> </u>		
	Ė													<u>†</u>  -		
	_													_		
	-													-		
	Ē													<u> </u>		
5.70- 6.15	- U45 -	2.50 (DRY)												<u>†</u>  -		
6.20	- - р						20m, wi m cryst	th a li	ttle sa	nd and	fine g	ravel s	ized	<del> -</del>		
0.20						gypsu	m Clyst	ais.						<u> </u>		
	-													-		
											_			_		
7.20- 7.65	D	2.50 (DRY)			S24	occas		, becoming to o					of	<u> </u>		
	E	(DRI)				grey	SIIC.							_		
	-													-		
	F													<u> </u>		
	Ė													<u>†</u>  -		
8.70- 9.15	- - ʊ50	2.50												<del> </del>  -		
0.70- 5.15	-	(DRY)												<u> </u>		
9.20	- - D					Below	9.20m,	, becomi	ng dark	brown	ish gre	y in co	lour.	_		
	Ė													<u> </u>		
														<u> </u>		
	<u>-</u>													-		9
Boring	<del> </del>	!		1	Progre		Depth to				ndwate		in	Denth	Domo	rks on
Depth Hole Dia		Technique		Crew	of Hole		Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed	Groun	dwater
1.20 19.65 0.15		cion Pit Percussi		CR/PJ CR/PJ	G.L. 19.65	2.50	DRY	20/08/1							None end during h	

Remarks Inspection pit hand excavated to 1.20m depth.

\*\* Drillers description.

Symbols and abbreviations are Backfill details from base of hole: arisings up to ground level.

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure 1 of 2 20/09/2012



Project BACTON LOW RISE, GOSPEL OAK, NORTH Engineer ROLTON GROUP BOrehole Project No PC124991

Client ROLTON GROUP Ground Level 43.13 m OD

Sampling			Prope	rties		Strata	1								Scale 1:	:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
10.20-10.65		2.50			s23			with rar	e fine	gravel	sized	shell				
.0.20-10.65	D E	(DRY)			523	Iragi	ments.							<u> </u>		
	-													-		
														<u> </u>		
	Ė													Ē		
														‡		
11.70-12.15	<b>U55</b>	2.50 (DRY)												<u> </u>		
	_					Belov	v 12.20n	ı, fissu	res bec	oming o	closely	spaced	l with	-		
.2.20	D					a sil	lt dusti	.ng.						I F		
	F													F		
														<u> </u>		
3.20-13.65	D	2.50			s32									<u> </u>		
	E	(DRY)												<u> </u>		
	-													<u> </u>		
	F													<u> </u>		
														Ī Ī		
4.70-15.15	_ 	2.50												-		
		(DRY)												<u> </u>		
.5.20	D					becon	aing occ	, becom asional	ly poli	y stiff shed w	f. Fiss ith bla	ures ck mott	ling,	<u> </u>		
	-					SIIT	dusting	absent	•					-		
	-													<del> </del>		
	F _													F		
16.20-16.65	D D	2.50 (DRY)			S31									F		
	F													F		
	E													<u> </u>		
														‡		
	Ė													<u> </u>		
7.70-18.15	บ75	2.50 (DRY)												<u> </u>		
18.20	— - р															
.0.20	_													<del> </del>		
	-													<u> </u>		
	_													<u> </u>		
19.20-19.65	D	2.50 (DRY)			s37									Ę		
	F	/												19.65		23.4
	-							E	nd of B	orehole	9			<u> </u>		
Boring					Progre	ess				Grour	ndwate	r				
Depth Hole Dia		Techniqu	e	Crew	Depth of Hole		Depth to Water	Date	Time	Depth Struck	Depth Cased	Rose to	in Mins	Depth Sealed		rks on dwater
2.0					1.3.3					- ,, 2011					2.0011	

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure

2 of 2 20/09/2012



ProjectBACTON LOW RISE, GOSPEL OAK, NORTH LONDONProject NoPC124991

Client ROLTON GROUP

Hole	Depth	Level	Type	SWP	Seating	g Drive		Test	Drive		SPT 'N'		Unco		d SPT	Γ
	m bgl	m OD	,,,,,	(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	Value	10	20	'N'	40	50
H6	1.20	41.93	S	-	1	1	2	2	2	3	9	*	 	1	1	1
H6	4.20	38.93	S	-	2	3	4	4	5	5	18	-	*			
H6	7.20	35.93	S	-	2	4	5	6	6	7	24		*	1		
H6	10.20	32.93	S	-	3	4	5	6	5	7	23		*	i	i	i
BH6	13.20	29.93	S	-	3	5	6	8	8	10	32	1	 	*		1
BH6	16.20	26.93	S	-	2	4	6	7	8	10	31		 	*	 	1
3H6	19.20	23.93	S	-	4	6	8	8	9	12	37			1	۲	1
Driller Hammer No.			Chris	Rainsbu	ıry			ent check	ked and c	alibration	carried out in	n accor	dance	with E	S EN	ISO
Energy Ratio			81.00				22476-	3: 2005								
inergy Hatto	o, Er (%) Date			/2012												

<sup>-/-</sup> Blows/penetration (mm) after seating



<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH7 ROLTON GROUP Project No PC124991

Client Ground Level 42.10 m OD ROLTON GROUP

Sampli	iiig	-	Fiones	Proper			Strata									Scale 1	.00
Depth		Sample Type	Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Lev m C
		-	,				Conci	rete wit	th reinfo	rcing.	**				G.L.	þ	42
0.30		D						E GROUNI						/	0.20		41
0.30	1.00	- Е - В							ed red, or						Ē I	$\nabla$	
0.50-	1.00	W					subar	ngular t	o subrou	nded f	ine to				E l		
1.00		_ D						cer, cor E GROUNI	ncrete and	d flin	t.			,	0.80		41
1.00 1.10		- E - D					Dark	brown r	nottled b	lack a	nd redo	ligh br	own ver	/ v	1.10	***************************************	41
1.30-	1.75	D	1.30			s7	sandy	gravel	l with a l	high b	rick ar	nd conc	rete co		<b>t</b>		
		F	(1.00)				pocke	ets of c	rare finc clay. Gra	vel is	angula	r to s	ubangul		F		
1.80-	2.20	В						to coar GROUNI	rse brick D]	, slag	concre	ete and	clinke	r.	F I		
2.00		_ D E					Firm	figgur	ed brown	mottle	d bluis	h arev	CT.AV		<u> </u>		
2.00							Fissu	res are	e extreme	ly to	very cl	osely	spaced,		<u> </u>		
		_							ientated, ish grey.		and smo	ootn oc	casiona	TIÀ	-		
		-													<u> </u>		:
2.80-	3.25	U47	1.50 (DRY)	98	32		At 2	.80m, hi	igh stren	gth					-		1
		_	(DKI)									_	_		F		
3.25		D						een 3.25 ceous.	5-4.75m,	thinly	y lamir	nated a	nd		E l		:}
		<u> </u>															
		<u> </u>													<u> </u>		:
		L													<u> </u>		
		F					Belov	v 4.30m	, fissure	s stai	ned ora	ngish	brown.				
4.30-	4.75	D	1.50 (DRY)			S18						-			‡		
		F	(DKI)												F		
		E													E		:
		_													<u> </u>		
		_															
		_													_		
		-													-		
5.80-	6.25	υ85	1.50 (DRY)												F		
6.25		- D	(====,				3+ 6	25m h	ecoming s	Liff a	nd lami	natad	i + b		E I		
0.25							occas	sional f	Eine grav	el siz	ed shel	l frag	ments.	_	<u> </u>		
		-					Occas	ionally	with si	It par	tings (	ip to 1	mm thic	k.	-		
		-													-		
		<u> </u>													<u> </u>		3
		Ē													E l		
7.30-	7.75	D	1.50 (DRY)			S22											×
		_													<u> </u>		
7.80-	8.30	В															×
		_													-		
		F													F		×
		E													<u> </u>	<del></del>	
8.80.	9.25	_ דודים∧	1.50	110	29				ecoming vo								X
5.50-	,.23	_ 0190	(DRY)	110	23		polis	shed occ	casionall;	y stai:					<u> </u>		
9.25		- D							igh stren , laminae		t.				‡		
		E													E		
		<u> </u>															
		<u> </u>													<u> </u>		3
															_	×	
oring	Hole	·				Progre		Depth to			Grour Depth	dwate Depth		in	Depth	Rema	rks on
epth	Dia		Technique		Crew	of Hole		Water	Date	Time	Struck	Cased	Rose to	Mins	Sealed		dw at ei
1.20	0.15		tion Pit Percussi		DC DC	G.L. 10.80	1.50	DRY	14/08/12 14/08/12			NIL			1.50		
					-	10.80	1.50	DRY	15/08/12 15/08/12	08:00							
								I DR Y							1		

Remarks

Inspection pit hand excavated to 1.20m depth, 0.310012 2.20m2

\*\* Drillers description.

E sample = 1 x vial, 1 x plastic jar and 1 amber jar

A 50mm standpipe was installed to 5.00m with a geowrapped slotted section from 2.00m to 5.00m with flush lockable protective cover. Backfill details from base of hole: arisings up to 7.00m, bentonite seal up to 5.00m, gravel filter up to 2.00m, bentonite seal up to 0.30m, concrete up to ground level. Figure abbreviations are explained on the esimbeloeg

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20/09/2012

key sheet. All dimensions are in metres.

Symbols and

accompanying

Logged in accordance with BS5930:1999 + A2:2010

Project BACTON LOW RISE, GOSPEL OAK, NORTH Engineer ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 42.10 m OD

			Prope	rties	ļ	Strata	а								Scale 1:	50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	n w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
10.30-10.75	D	1.50 (DRY)			s28											
11.80-12.25 12.25		1.50 (DRY)	136	28		Belov		igh str 1, Fissu Sent		ing ind	creasin	g, silt	and			
13.30-13.75	- - - - - - - - - -	1.50 (DRY)			s31									- - - - - - - - - - - - - - - - - - -		
14.80-15.25 15.25	U120	1.50 (DRY)														
16.40-16.85	- - - - - - - - - - -	1.50 (DRY)			s26	At 16 track		rith occa	asional	. light	grey r	ootlet				
17.70 18.00-18.45 18.45		1.50 (DRY)	114	28		to su fragm At 18 close sligh At 18 rando	ubangula ments. 3.00m, f ely to c atly pol 3.45m, f omly ori clean.	claystone ir medium dissure a dissely a dished. dissures dentated	n to co approxi spaced extrem , smoot	mately and sub	ravel s 45 deg b-verti osely s	ized rees, v cal, paced,	ery			
19.50-19.95	- - - - - - - - - -	1.50 (DRY)			S28			Fo	nd of B	orehole	<b>a</b>			20.00		22.10
	<u> </u>		<del></del>	<u> </u>	Progre					Grour	ndwate	r		<u> </u>		
Boring				Crew	Depth	Depth Cased	Depth to Water	Date	Time	Depth Struck		Rose to	in Mins	Depth Sealed	Remar	ks on

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure

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ProjectBACTON LOW RISE, GOSPEL OAK, NORTH LONDONProject NoPC124991

Client ROLTON GROUP

Hole	Depth	Level	Туре	SWP	Seating	g Drive		Test	Drive		SPT 'N' Value		Unco	recte 'N'	d SPT	Ī
	m bgl	m OD	,,	(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	value	10	20	30	40	50
BH7	1.30	40.80	S	-	1	1	1	2	2	2	7	*	1	1	1	1
3H7	4.30	37.80	S	-	1	2	3	4	5	6	18	-	*	!	-	-
3H7	7.30	34.80	S	-	2	4	5	5	6	6	22	1	*			
3H7	10.30	31.80	S	-	4	6	6	7	7	8	28		i	*	1	i
3H7	13.30	28.80	S	-	5	6	8	7	7	9	31	1	İ	*	i	i
3H7	16.40	25.70	S	-	3	6	5	7	7	7	26	1	1	*		
BH7	19.50	22.60	S	-	4	5	6	7	7	8	28		1	*	ı	1
Driller Hammer No. Energy Ratio,			David EQU4 74.00 23/03		J		Remarl Equipm 22476-3	ent check	ked and c	alibration	carried out in	n accord	dance	with E	SS EN	Iso

<sup>-/-</sup> Blows/penetration (mm) after seating



<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH8 ROLTON GROUP Project No PC124991

Client Ground Level 42.20 m OD ROLTON GROUP

ampling				Prope	rties		Strata		Scale 1:	50
Depth		ample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Description	Depth	Legend	Level m OD
		752	( 774(61)		,,,		Concrete with reinforcing. ** [MADE GROUND]	G.L. 0.20	р	42.2
0.30- 0.5 0.30 0.30 0.50- 0.8 0.50 1.00	F	B D E D D E					Firm brown mottled red, orange and black very gravelly sand, occasionally very clayey. Gravel is subangular to subrounded fine to medium brick, clinker and concrete. [MADE GROUND]	0.50		41.7
1.20- 1.3 1.20- 1.6 1.70		B D D	1.20 (DRY)			s10	Soft dark brown mottled red, orange, yellow and black sandy gravelly clay, with occasional timber fragments (upto 15cm in size) and a medium cobble content of subangular brick and concrete. Gravel is angular to subangular fine to coarse brick, concrete and clinker. [MADE GROUND]	1.20		41.0
2.00 2.20- 2.6 2.65	55 -	E U50	1.50 (DRY)	55	33		Soft dark brownish grey mottled black slightly sandy slightly gravelly slightly organic clay, fissured in parts. Fissures are randomly orientated extremely closely spaced. Gravel is angular to subrounded fine to medium brick, quartzite and flint. [MADE GROUND]	- - - - - -		
3.80- 4.2		D	1.50 (DRY)			s18	Stiff fissured brown mottled bluish grey slightly micaceous CLAY, thinly laminated in parts and with occasional rootlets. Fissures are randomly orientated, extremely to very closely spaced, smooth, dull with a slight silt dusting. At 2.20m, medium strength	- - - - - - -		
			(5.1.2)							
5.30- 5.7 5.75	75 -	U65 D	1.50 (DRY)	87	30		At 5.30m, high strength  Below 5.75m, becoming very stiff and dark greyish brown, with occasional fine to medium gravel sized			
						-01	shell fragments and orange staining on fissure surfaces.			
5.80- 7.2	25 _	D	1.50 (DRY)			S21		<u> </u>		
7.40 7.60- 8.0	)5 - U		1.50 (DRY)				Below 8.05m, orange staining absent.	Ė.		
.05	-  -  -  -  -	D								
.10- 9.5	55 -	D	1.50 (DRY)			S22	Between 9.10-10.95m, with rare silt pockets (upto 10mm in size).	<u></u>		
.00-10.4	10 _	В				Flor-				
oring Ho	е					Progre	Denth Denth to Denth Denth L in	Depth	Remar	(S On
epth Di	а		Technique		Crew	of Hole	Cased Water Date Time Struck Cased Rose to Mins	Sealed	Ground	water
0.00 0.1			ion Pit ercussi		DC/LC DC/LC	G.L. 10.00 10.00 20.00	NIL DRY 15/08/12 08:00 1.50 DRY 15/08/12 18:00 1.50 DRY 16/08/12 08:00 1.50 DRY 16/08/12 18:00		None enco	

Remarks
Symbols and abbreviations are explained on the ex

Logged by

Figure

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geolectimies

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explained on the accompanying key sheet.

abbreviations are

All dimensions

are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Project BACTON LOW RISE, GOSPEL OAK, NORTH Engineer ROLTON GROUP Borehole Project No PC124991

Client ROLTON GROUP Ground Level 42.20 m OD

Sampling	ON GROOT		Prope			Strata	a							LCVCI 42	Scale 1:	50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	-													-		
														ŧ		
10.50-10.95	_ U90 -	1.50 (DRY)												+		
						Belov	w 10.95m	ı, fissu	res mot	tled bl	Lack.			ŧ.		
0.98	_ D													<u></u>		
														Ī.		
	-													F		
0 00 10 45		1 50			204									F		
2.00-12.45	_ D	1.50 (DRY)			S24									E		
	-													‡		
	_													Ē		
	-													‡		
														F		
13.50-13.95	11100	1.50												‡		
.5.50-15.75		(DRY)												E		
.3.95	_ D													Ł		
														Ė		
	-													‡		
5.00-15.45	_ D	1.50			s27									E		
	-	(DRY)												‡		
														E		
	-					At 1	5.80m, w	ith a s	ubround	ed clay	stone	cobble		‡		
.5.80	D													E		
	_													Ė		
6.50-16.80	_UT130	1.50												E		
		(DRY)												Ē		
	_													-		
														Ī		
	-													‡		
														E		
8.00-18.45	D	1.50 (DRY)			s30	Belov	w 18.00m	, fissu	re spac	ing ind	creasin	g and s	ilt	<u>F</u>		
		(Diti)				abbe.								F		
	Ė													<u> </u>		
8.80	- D													‡		
	F													F		
	Ė													Ė		
.9.50-19.80	_U130	1.50 (DRY)											_	‡		
.9.80	D					At 19	9.80m, f	issures	predom	unantly	z subho	rizonta	Ι.	<u> </u>		<b>.</b>
20.00	_ D							E	nd of B	orehole				20.00		22.2
Boring Hole		T '		0-	Progre		Depth to	D.:	т:	Grour Depth	ndwate Depth		in	Depth	Remar	ks on
Depth Dia		Techniqu	е	Crew	Depth of Hole	Cased	Water	Date	Time	Struck	Depth Cased	NUSE 10	Mins	Sealed	Ground	
emarks 🚜					1									Logo	ged by C	.o
mbols and														Figu	re 2	of 2

Symbols and abbreviations are explained on the accompanying key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Figure

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Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Project No

**Client** ROLTON GROUP

Hole De	epth	Level	Туре	SWP	Seating	g Drive		Test	Drive		SPT 'N' Value	ı	Uncor		d SP1	
	bgl	m OD	,;	(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	value	10	20	'N'	40	<b>50</b>
3H8 1	1.20	41.00	S	-	1	1	2	2	4	2	10	*	1	1		1
3H8 3	3.80	38.40	S	-	2	2	3	4	5	6	18	-	*			
3H8 6	5.80	35.40	S	-	2	3	5	5	5	6	21		*			
3H8 9	9.10	33.10	S	-	3	4	4	5	5	8	22	1	*	i	<u> </u>	i
3H8 12	2.00	30.20	S	-	4	4	5	6	6	7	24	1	*	i	i	i
3H8 15	5.00	27.20	S	-	3	6	6	6	7	8	27	i i		*	<u> </u>	1
BH8 18	8.00	24.20	S	-	5	6	7	7	8	8	30	1		*		

Remarks

In accordance with BS EN ISO22476-3:2005



PC124991

<sup>-/-</sup> Blows/penetration (mm) after seating

<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH9 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 42.09 m OD

	ION GROU	P	D	-4:		044	_						Ground	Level 42		m OD
Sampling	Cample	Depth	Prope			Strata	<b>a</b>							1	Scale 1	1
Depth	Sample Type	Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
0.30 0.30 0.70	- - - - - - - - - - - - - - - - - - -					Brown angul conci	gROUNI n slight lar to s	cly claye subangula uartzite	y grav r fine	elly sa	and. Gr arse br	avel is	3	G.L. 0.20	b. ο . Δ	42.09 41.89
1.20- 1.6 1.20- 1.6		NIL (DRY)			s9	Firm	orangis	sh brown	slight	ly sand	dy CLAY	•		1.20		40.89
2.70- 3.1 3.20	5 U40	NIL (DRY)	65	35		Belov fissu close	v 3.20m, ired. Fi	edium str , thinly issures a very clos occasion	lamina re sub ely sp	horizon aced d	ntal ex ull wit	tremely h a si	( lt			
4.20- 4.6	5 D	2.50 (DRY)			s14	Stiff brown parts close occas	fissum slight s. Fissum	red dark ly micac ures are ced and r silt dust	greyis eous C extrem	h brown LAY, si ely clo y orien	n mottl lightly osely t	ed oran sandy o very with	in	4.00		38.09
5.70- 6.1 6.20	5 - U55	2.50 (DRY)				Below	v 6.20m	, orange	staini	ng abso	ent.					
7.20- 7.6	5 D	2.50 (DRY)			s22	silt		, becomings on fis						-		
8.70- 9.1 9.20	5 - U55	2.50 (DRY)	80	29		At 9.		igh stren	_	silt la	ayers (	upto 51	nm in			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	F													<u>+</u>		
Boring		<u> </u>	<u> </u>		Progre					Grour	ndw at e	r		<u> </u>		<u> </u>
Depth Dia		Technique	е	Crew	Depth of Hole		Depth to Water	Date	Time	Depth Struck		Rose to	in Mins	Depth Sealed		rks on dwater
1.20 30.15 0.1	Inspect 5 Cable	tion Pit Percussi		CR/PJ CR/PJ	G.L. 18.20 18.20 30.15	2.50 2.50	DRY	15/08/12 15/08/12 16/08/12 16/08/12	18:00 08:00						None end during b	ountered oring.
Pomarke I	Thansa	tion nit	. hand a		tod to	1 20m d	lonth					ļ				

Remarks
Inspection pit hand excavated to 1.20m depth.

\*\* Drillers description.

Symbols and abbreviations are explained on the accompanying key sheet.

Symbols and abbreviations are explained on the accompanying key sheet.

E sample = 1 x vial, 1 x plastic jar and 1 amber jar
A standpipe was installed to 5.00m with a geowrapped slotted section from 2.00m to 5.00m with flush lockable protective cover. Backfill details from base of hole: arisings up to 7.00m, bentonite seal up to 5.00m, fine gravel filter up to 2.00m, bentonite seal up to 0.50m, concrete up to ground level.

Logged by

Figure

SC / CO

1 of 4 20/09/2012

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key sheet. All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Project BACTON LOW RISE, GOSPEL OAK, NORTH Engineer ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 42.09 m OD

ampling	N GROUE		Prope	rties		Strata	a								2.09 Scale	1:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legen	Leve m C
0.20-10.65		2.50	a		s29	with	occasio	n, becom	e grave	y stif: l size	f greyi d shell	sh brow	m ents,			
	_	(DRY)				silt	layers	absent.						-		
	E													<u> </u>		
	_													<u> </u>		
	<u> </u>													<u> </u>		
.70-12.15	U60	2.50												<u> </u>		
	E	(DRY)				D-1	- 10 00-				11 1	1 -1 - a		<u> </u>		
2.20	D					ветом	V 12.201	n, fissu	res occ	asiona.	IIY POI	.isnea.		F		
	Ē													F		
	[													I F		
3.20-13.65	- D	2.50			S46									F		
	Ē	(DRY)				At 13	3.60m, r	ecovere aystone	d with	angula	r mediu	ım to co	arse	<u> </u>		
	Ē					grave	er or cr	.aystone						F		
	-													F		
	Ē													Ī.		
.70-15.15	- U75	2.50	113	29		At 14	1.70m, h	igh str	ength					F		
		(DRY)				D-1	- 15 20-							<u> </u>		
.20	D						ing abse	n, fissu ent.	re spac	ing in	creasi	ig, siit		F		
	Ē													<u> </u>		
														Ī F		
5.20-16.65	- D	2.50			S34									F		
	[  -	(DRY)												<u> </u>		
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7.70-18.15	775	2.50												F		
		(DRY)												Ī H		
3.20	D													ļ F		
	<u> </u>													<u> </u>		
	Ē													F		
9.20-19.65	- D	2.50			s33									E		
	E	(DRY)												<u> </u>		
	E													Ė		
oring					I Decem	200				· Crecion	dwc*	ar.				
oring epth Hole		Technique	Δ	Crew	Depth of Hole	Depth	Depth to	Date	Time	Depth Struck	Depth Cased		in	Depth	Ren	narks on
ptn Dia		raciniiqui		CIEW	of Hole	Cased	Water	Date	111110	Struck	Cased	1.000 10	Mins	Sealed	Gro	ındwater
	1				ĺ				1	I		1		1		

Figure

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2 of 4 20/09/2012

Symbols and abbreviations are explained on the accompanying key sheet.

All dimensions are in metres. Logged in accordance with BS5930:1999 + A2:2010

BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer Borehole BH9 ROLTON GROUP Project No PC124991

Client Ground Level 42.09 m OD ROLTON GROUP

Sampling			Prope			Strata									Scale 1:	50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descript	ion							Depth	Legend	Leve m O
	_													_		
														Ē		
	_													F		
20.70-21.15	ับ75	2.50 (DRY)	111	26		At 20	.70m, h	igh str	ength					‡		
	_	(DKI)				Polow.	21 20	, with		mal bl	ale ata	ining o		F		
21.20	D						re surf		Jecasio	nai bi	ick sta	iming c	,11	‡		
	-													ļ.		
														E		
	_													_		
22.20-22.65	- D	2.50			S41									ļ.		
		(DRY)												E		
	<u>_</u>													-		
	-													‡		
														F		
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	-													<b>-</b>		
23.70-24.15	U80	2.50 (DRY)												‡		
	_	(====,												F		
4.20	D													Ē.		
	_													_		
	-													Ļ		
	-													F		
5.20-25.65	- D	2.50			s36									E		
3.20-23.63	- U	(DRY)			536									ţ		
	-													ļ.		
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														F		
	_													Ļ		
26.50	D							ediums						<u> </u>		
26.70-27.15	U80	2.50	107	26		grave	l sized	overed a	nts					‡		
		(DRY)						ith occa light l					l	E		
27.20	- D							very ci						‡		
	-					distu	rbance	during a	samplin	a).			gizad	Ļ		
	-					silt p	pockets			116 60 1	ilea Luiii	graver	5126G	F		
						At 26	./Um, n	igh str	engtn					E		
	<b> </b>													<b>F</b>		
28.20-28.65	- D	2.50 (DRY)			S45									F		
	E													E		
	<u> </u>													‡		
	<u> </u>													<u>L</u>		
	F													F		
	Ē													E		
29.70-30.15	U100	2.50												ţ.		
25.70 30.23	- 0100	(DRY)												‡		
To wise										/~·	. ai	_				
Boring Hole					Progre		Depth to			Grour Depth	Depth	1	in	Depth	Remar	ks on
Depth Dia		Technique	9	Crew	of Hole		Water	Date	Time	Struck		Rose to	Mins	Sealed	Ground	

That 20.70m, measured undrained strength possibly affected by fissuring in test specimen and disturbance during sampling.

Figure

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Symbols and abbreviations are explained on the accompanying key sheet.

All dimensions are in metres.

Logged in accordance with BS5930:1999 + A2:2010

Borehole Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Engineer BH9 ROLTON GROUP Project No PC124991

Client ROLTON GROUP Ground Level 42.09 m OD

Sampling	ION GROUP		Proper			Strata	a							LCVCI 42	Scale 1	:50
Depth	Sample Type	Depth Cased & (to Water)	Strength kPa	w %	SPT N	Descrip	otion							Depth	Legend	Level m OD
	-													_ - 30.15		11.94
	-							Ei	nd of B	orehole	9			-		
	-													-		
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Boring Depth Hole Dia		Techniqu	_	Crew	Depth of Hole	ess Depth	Depth to Water	Date	Time	Depth Struck	Depth Cased		in Mins	Depth Sealed	Rema	rks on dwater
Dia Dia		ı eci ii ildü	<b>-</b>	CIEW	of Hole	Cased	Water	Date	imie	Struck	Cased	1.036 10	Mins	Sealed	Groun	dwater
emarks 🖟	T)				1				1			<u> </u>		Loga	ed by	sc / co

Symbols and abbreviations are explained on the accompanying key sheet.

All dimensions are in metres. Logged in accordance with BS5930:1999 + A2:2010

SC / CO

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Figure

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Project BACTON LOW RISE, GOSPEL OAK, NORTH LONDON Project No

**Client** ROLTON GROUP

Hole	Depth	Level	Type	SWP	Seating	g Drive		Test	Drive		SPT 'N'		Uncor		d SPT	
11010	m bgl	m OD	Type	(mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>0-75</b> (mm)	<b>75-150</b> (mm)	<b>150-225</b> (mm)	<b>225-300</b> (mm)	Value	10	20	'N'	40	50
ВН9	1.20	40.89	s	-	1	2	2	2	2	3	9	*	1	1	1	1
ВН9	4.20	37.89	S	-	2	2	4	3	4	3	14	,	*	-	!	-
ВН9	7.20	34.89	S	-	1	2	5	5	5	7	22	1	*		-	
ВН9	10.20	31.89	S	-	2	2	6	6	8	9	29	1		*	1	1
ВН9	13.20	28.89	S	-	3	4	5	6	25	10	46	i i	i	i	*	i
ВН9	16.20	25.89	S	-	2	5	7	9	8	10	34		i	*	1	1
ВН9	19.20	22.89	S	-	3	5	8	7	8	10	33		I	*	1	1
ВН9	22.20	19.89	S	-	3	7	10	10	10	11	41	i		-	*	1
ВН9	25.20	16.89	S	-	4	7	9	9	9	9	36	-	i i	<b>+</b>	-	
BH9	28.20	13.89	S	-	4	6	8	10	14	13	45		1		+	-
													1	! ! ! !		 

Remarks

In accordance with BS EN ISO22476-3:2005



PC124991

<sup>-/-</sup> Blows/penetration (mm) after seating

<sup>-\*/-</sup> Total blows/penetration (mm)

SWP Penetration under own weight (mm)

S - Standard Penetration Test (SPT)

C - SPT with cone

L - Split Spoon with liner used

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EXTRACT OF GROUND FLOOR PLAN

ROLTON GROUP ENGINEERING THE FUTURE

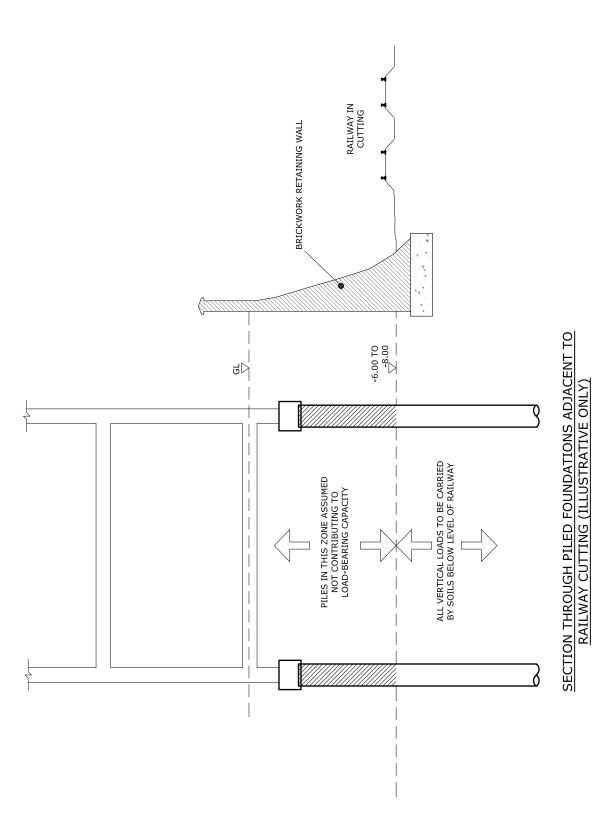
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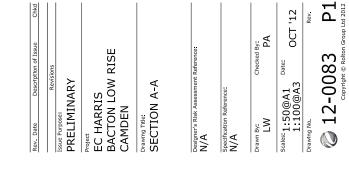
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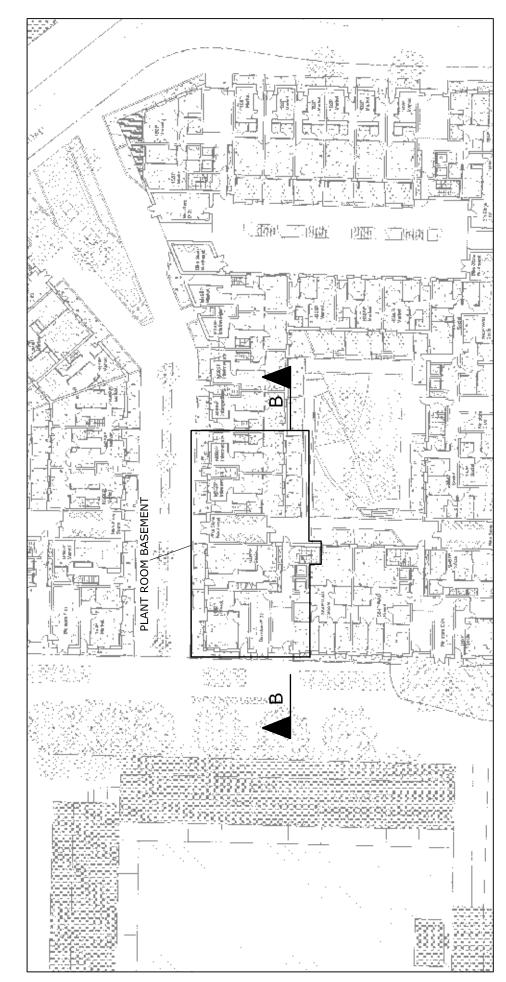
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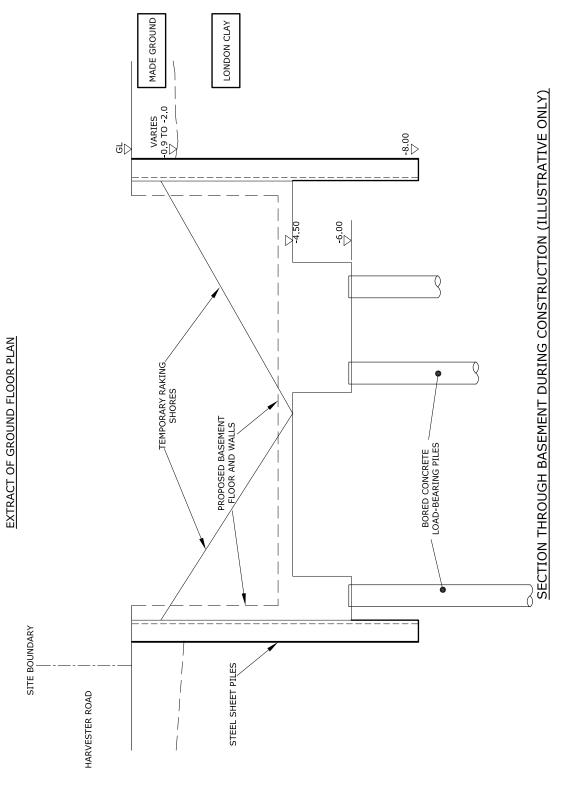
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