

Contract:						es of the St Pancras Way Block	Boreho	ole:		
Ugly Brown	Build	ing		U	Jni	it Trust & Big Lobster Ltd			В	1 11
Contract Ref:	Start:	23.01.19	Grour	nd Level (m AOD):	1	National Grid Co-ordinate:	Sheet:			
371654	End:	25.01.19		21.70		E:529585.7 N:183781.8		5	of	5
Occupio continuo Tori	_	<u>∟</u> ∞ 5					g	D		_ 4! _ 1

		25.01	.19	21.70	E:529585.7 N:183781.8		5	of 5		
Samp Depth	les a	nd In-si Type	tu Tests Results	Water	Instru- mentation	Desc	cription of Strata	Reduced	Depth (Thick ness)	Material Graphic Legend
- 36.50	48	D				are blocky. (LAMBETH GROUP - LC) (stratum copied from 27.9	grey mottled brown CLAY. Fissures WER MOTTLED BEDS) 95m from previous sheet) 45 degree fissure, planar, smooth,			
- 37.50 - 37.50-37.83 - 37.50	12 13 49	DSPT SPT D	N=83*					-16.30	38.00	
- 38 . 50	50	D				pockets <70mm of (soft	ery sandy CLAY. Sand is fine. With brown, red and blue-grey mottled s <10mm of grey fine and medoum nd mixed with clay. WER MOTTLED BEDS)	-	- (2.00)	
- 39 . 00	51	D						_ - - -	(2.00)	
39.50 39.50-39.71 39.50	13 14 52	DSPT SPT D	N=150*			Between 39.50m an fine SAND. With occasio clay.	d 40.00m, greyish brown slightly silty nal pockets <5mm of (soft) blue-grey	- - -18.30	40.00	× · · · ×
						Cable percussion boreno	le terminated at a depth of 40m.			

	Boring Progress and Water Observations				3	Chiselling / Slow Progress			General	Domorko	
Date	Time	Boreho l e Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	General	Remarks	
				,							
1											
									All dimensions in metres	Scale: 1:5	
Method Used:		tion pit + ercussio			do 100 down)	(cut	Drilled By:	Dave Rosenwold	Logged RMiller By:	Checked By:	AGS

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:				Client: The Trust	A Boreho	ole:			
Ugly Brown I	Build	ing		Uı	nit Trust & Big Lobster Ltd			В	H12
Contract Ref:	Start:	18.01.19	Groun	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:			
371654	End:	18.01.19		21.24	E:529586.0 N:183759.7		1	of	1
			_				_		

4	3716	654		End:	18.0	1.19	21.24	E:529586.0 N:183759.7		1	of 1
Sam	ples a	nd In-si	tu Tests	S	Water	Backfill	Dee	anistics of Charts	Reduced	Depth	Material
Depth	No	Туре	Res	sults	M	Вас	Des	cription of Strata	Redu	(Thick ness)	Graphic Legend
- 0.00-0.50	1	В					MADE GROUND: Paving			0.05/	
-							MADE GROUND: Coars MADE GROUND: Bro	e yellow brown SAND. own silty very sandy angular to		t	
- 0.50-1.00	2	В					subangular fine to coarse	wn silty very sandy angular to e red brick and concrete GRAVEL.	-	(1.00)	
-									00.04	4 00	
-									20.04	1.20	XXXXX
-										-	
-											
-										-	
-									-	-	
-									-	-	
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	Boring Pro	gress and	Water Ob	servations	3	Chisell	ing / S l ow	Progress	General Remarks
Date	Time	Borehole	Casing	Borehole Diameter	Water	From	То	Duration (hh:mm)	General Remarks
2 0.10		Depth	Depth	(mm)	Depth			(1111.111111)	1. Inspection pit dug to 1.20m to check for
1									services. Pit terminated on concrete obstruction at 1.20m and borehole relocated to BH12A.
									All dimensions in metres Scale: 1:50
Method Used:	•	tion pit + ercussio			2000 M		Drilled By:	Dave Hutson	Logged RMiller Checked By:

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07_Ltog CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:	Ug	ly Bro	own Build	ing		tees of the St Pancras Way Blo Jnit Trust & Big Lobster Ltd	ck A Boreho		H12A
Contract Re	f:		Start:	18.01.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:		
3	3716	654	End:	21.01.19	21.27	E:529585.3 N:183761.	0	1	of 4
	oles a	nd In-sit	tu Tests Results	Water Backfill & Instru-	De	escription of Strata	Reduced	Depth (Thick	Graphic
Depth	1	В	Results			an alah		ness)	Legend
- 0 . 00 - 0.50	'	В		2 50		ng siab. owish brown coarse SAND.	21.22/ 21.17/	\0.05 <i>/</i> \0.10 /	
-					MADE GROUND: CON		21.07	\0.20	\bowtie
- 0.50 - 0.50-1.00 - 0.50 -	1 2	ES B PID	0 . 0ppm	* ⊒°*∢		vn slightly clayey very gravelly mediu ravel is angular to subrounded bri		(1.20)	
- 1.10 - 1.20-1.65	1	D SPT(c)	N=4				19.87	1.40	
- 1.20 - 1.20 - 1.20 - 1.20-1.70	1 1 3	DSPT D B	11-4			nt brown slightly gravelly sandy CLA ine and medium. Gravel is angular flint and brick	.Υ	(0.50)	
- 1.50 - 1.50 - 1.90	2	ES PID D	0.0ppm	110110110110110110110110110110110110110	MADE GROUND: Ligh	it brown slightly clayey gravelly fine is subangular and subrounded fli	to -	(0.80)	
2.00-2.45 2.00 2.00-2.50	2 2 4	SPT(c) DSPT B	N=15		concrete and brick.		18.57	2.70	
2.50 - 2.50 - 2.70	3	ES PID D	0 . 0ppm		🕽 SAND. Gravel is suba	t reddish brown gravelly fine to coar ngular and subrounded f l int and bri	ck. L	(0.50)	
3.00-3.45 3.00 3.00-3.50	3 5	SPT(c) DSPT B	N=6			inly laminated light brown CLAY. W sional medium sand sized seler		3.20	
3.30 3.30	4	ES PID	0 . 0ppm		crystals. (LONDON CLAY FOR!		-		
- 3.70 3.70 - 4.00-4.45	4	D V UT	c _u =>125 50 b l ows				- - - -	-	
- - - 4. 50	5	D			Dalou 450m fi	ssured, with occasional light orang	- -	-	
- 4.50 - 4.70	6	D			brown staining on fissu		Ė		
5.00 - 5.45	2	UT	45 blows		veins.	,	- - - -	(4.00)	
- - 5 . 50	7	D					- - - -		
- - - 6 . 00	8	D					- - -		
-							- - -	-	
6.50-6.95	3	UT	50 blows				- - -	-	
- - 7.00	9	D			At 7.00m, 15mm se	elenite crystal. inated dark brownish grey CLAY. W	14.07	7.20	
- - 7.50	10	D	0 => 105		rare bioturbations and I	ocally micaceous.	-		
7.50 - - - 8.00-8.45	4	V UT	c _u =>125 55 blows				-	-	
- - -		51	JO DIOWS				- - -	-	
8.50	11	D					-	Ē	

GLY BROWN BUILDING GPJ - v8_07.	11442 437550, Web: www.rsk.co.uk. 18/04
B LibVers	ıvironment Ltd, 18 Frogmore Road, Hem

Used:

Cable percussion

E	Boring Pro	ogress and	Water Ob	servations	;	Chise	ellir	ig / S l ow F	rogress	
Date	Time	Borehole	Casing	Borehole Diameter	Water	From	,	То	Duration (hh:mm)	1
		Depth	Depth	(mm)	Depth				(1111.111111)	1. Inspect
18/01/19	12:00		-							service
18/01/19	17:00	1.40	-		Dry					2. Ground
21/01/19	08:00	1.40	_		Dry					depth
21/01/19		11.00	3.00	150	11.00					3 On con
21/01/10	17:00	30.00	3.00	150	Dry					was ins
22/01/19	08:00	30.00	3.00	150	12.10					23 . 50m
22/01/19	09:00	30.00	3.00	150	12.10					
										All dimens
Method	Inspec	tion pit +	Plan	t			Ē	Prilled	Dave	Logged

Used: Dando 2000 Mark 2

General Remarks

- 1. Inspection pit dug to 1.20m to check for services.
- 2. Groundwater seepage encountered at 11.00m depth.
- 3. On completion, a 34mm diameter standpipe was installed with a response zone between 23.50m and 24.00m, and a 50mm diameter

Checked

Ву:

All di	me	nsic	ons i	n me	etre	es	Sca	ale:	1	: 5	50	

RMiller

Hutson



Contract:			Client: The Trust	A Boreho	le:					
Ugly Brown	Building		Uı	Unit Trust & Big Lobster Ltd						
Contract Ref:	Start: 18.0	1.19 Groun	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:					
371654	End: 21.0	1.19	21.27	E:529585.3 N:183761.0		2	of	4		

		716	054	End:	21.01	1.19	21.27	E:529585.3 N:183761.0			of 4
		les a		tu Tests	Water	Backfill & Instru-mentation	Des	cription of Strata	Reduced	Depth (Thick	Material Graphic
	Depth	No	Type	Results	>	Bac Ins	DC3	cription of otrata	Zed Le	ness)	Legend
	- 9.00 - - - - 9.50-9.95	12 5	D UT	55 blows				AT Í ON)	- - - - - - -	-	
	- - 10.00 -	13	D						- - - -	- - - -	
	- - 10.50 - 10.50	14	D V	c _u =107	≈				- - - -		
	- 11.00-11.45 - 11.00 - 11.00	4 4	SPT DSPT	N=29			Below approximately	11.00m, very stiff.	 - - - -	-	
	- - - - 12.00	15	D						- - - - -	- - - -	
100 00:	- - 12.50-12.95	6	UT	60 blows					- - - -	-	
	- - 13 . 00 -	16	D						- - -		
co.dr. 10	- - 13.50 -	17	D								
o, web. www.ish	- - 14.00-14.45 - 14.00 - -	5 5	SPT DSPT	N=36					- - - - -	- - - - -	
01112 10100	- - - 15.00 - 15.00	18	D V	c _u =>125			Below 15.00m, local	ly slightly sandy silty. Sand is fine.	-	-	
, , ,	- - 15.50 - 15.95	7	UT	65 blows					- - - -	(16.80)	
	- - 16.00 -	19	D							-	
	- - 16.50 -	20	D						- - - -		
inologime, in	- - 17.00-17.45 - 17.00 -	6 6	SPT DSPT	N=44							
icaa, no	- - -								- - - -	-	

3LY BROWN BUILDING.GPJ - v8_07.	550, Web: www.rsk.co.uk. 18/04/19 - 15:05 CS1
GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 Log CABLE PERCUSSION LOG - A4P 371654 UGLY i	ınment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: (

	Boring Pro	ogress and	Water Ob	servations	3	Chisel	ling / S l ow	Progress	General Remarks				
Date	Time	Borehole	Casing	Borehole Diameter	Water	From	То	Duration	General	Remarks			
Date	Tille	Depth	Depth	(mm)	Depth	1 10111	10	(hh:mm)	combined gas and gre	oundwater monitoring			
									standpipe was installe between 1.00m and 5 4. SPT hammer HD02-2 used.	ed with a response zone00m2018 (<i>E</i> _r = 72.00%)			
	<u> </u>								All dimensions in metres				
Method Used:		ction pit + percussio			o 2000 M	lark 2	Drilled By:	Dave Hutson	Logged RMiller By:	Checked By: AGS			



												B	ORE	ΞH	OL	.E	L	OG
Contract:								Client:	The Trust	tees	of the S	t Pancr	as Way	Block	A Bore	ho l e:	:	
	Ug	ly Br	own E	3ui l d	ing				U	Init T	rust & E	Big Lob	ster Ltd				В	H12A
Contract Re	f:			Start:	18.01	19	Grour	d Level	(m AOD):	Nat	ional Gri	d Co-ord	inate:		Shee	et:		
3	3716	654		End:	21.01	19		21.2	27	E	:5295	85.3 N	1:18376	61.0			3	of 4
Samp	oles a	nd In-si	itu Tests	3	i fe	ig F									Reduced	, D	epth	Material
Depth	No	Туре	Res	sults	Water	Instru- mentation			Des	script	ion of St	rata			Redu	[] []	Thick ess)	Graphic Legend
- 18.00	21	D					Stiff	fissured	thinly lami	nated	dark bro	ownish g	rey CLAY	'. With	-	+	,	
- -							rare	bioturba	tions and I d LAY FORM	cally	micaceo	us.	-		-	F		
- - 18.50-18.95	8	UT	65 h	ows					ied from 7.2			ous shee	et)		[E		
-	~		00 5	10110			(/-		7		-	ŀ		
- 		_													-	Ŀ		
- 19 . 00 -	22	D													-	-		
															-	ļ		
- 19 . 50	23	D													-	F		
19.50		V	C _u =>	>125											F	F		===
-	_	CDT		- 40											F	F		
20.00-20.45	7 7	SPT DSPT	N=	=48											-	F		
															F	F		
															F	F		
•															Ī.	F		
21.00	24	D													-	E		
-															L	Ŀ		
															Ŀ	Ŀ		
21.50-21.95	9	UT	70 b	lows											-	ŀ		
															-	ŀ		
22.00	25	D						At 22.00	m, rare coa	arse s	and size	d pyrite.			-	-		
		_							,		0.20				-	ŀ		
•															-	ŀ		
- 22.50 - 22.50	26	D V	C =	>125												ţ		
. 22.00		, v	C _u	120											-	ţ		
23.00-23.45	8	SPT	N=	=52											-	F		
23.00	8	DSPT													-	ŀ		
-					•	٠,٠,۵									F	F		
							}								-	F		
-							}								-2.7	3 F 2	4.00	
24.00	27	D							y mott l ed g						-	F		
24.00		V	C _u =>	>125			(LAN	иветн (GROUP - L	OWE	R MOTT	LED BE	DS)		F	F.,		
- 24.50-24.95	10	UT	75 h	lows											[E(1	1.00)	
	'		'36												ŀ	E		
															-3.7	3 - 2	5.00	
25.00	28	D							t brown mo						ļ.	ţ		
- -							(LAN	NBEIH (GROUP - L	.UVVE	K WUTT	FED RE	J9)		ļ.	ţ		
25.50	29	D													ļ.	ţ		
-															ļ.	ŧ		
- - 00 00 00 45		CDT		-57											F	F		
- 26.00-26.45 - 26.00	9	SPT DSPT	N=	=57											F	F		
Ī	-														Ľ.	Ė		

	Boring Pro	gress and	Water Ob	servations	3	Chiselling / Slow Progress			General Remarks				
Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	General	Remarks			
			·										
									All dimensions in metres				
Method Used:				t ^{d:} Dando	2000 M		Drilled By:	Dave Hutson	Logged RMiller By:	Checked By:	AGS		

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
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Contract:				Client: The Trustees of the St Pancras Way Block						
Ugly Brown	Building		U	Unit Trust & Big Lobster Ltd						
Contract Ref:	Start: 18.01.19	Grour	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:					
371654	End: 21.01.1 9)	21.27	E:529585.3 N:183761.0		4	of	4		
		<u> </u>			70					

3	<u> </u>	654	End:	21.01	.19	21.27	E:529585.3 N:183761.0		4	of 4
Samp Depth	les a	nd In-si	tu Tests Results	Water	backill & Instru- mentation	Desc	cription of Strata	Reduced	Depth (Thick ness)	Material Graphic Legend
- 27.00 - 27.50-27.95	30	D UT	95 blows		9 E	Very stiff light brown mot (LAMBETH GROUP - LC (stratum copied from 25.0 Below 27.00m, varia reddish brown and dark y	OWER MOTTLED BEDS) OOm from previous sheet) ably mottled light brown, greyish blue,	<u>~</u>	(5.00)	
- 28 . 00	31	D						- - - -	-	
28.50 28.50	32	D V	c _u =>125					- - -	-	
- 29.00-29.45 - 29.00 	10 10	SPT DSPT	N=68					-8.73	30.00	
30.00	33	D				Cable percussion boreh due to borehole instability	ole terminated at a depth of 30,00m y caused by water seepage.			

	I	Boring Pro	gress and	Water Ob	servations	3	Chiselling / Slow Progress			General Remarks				
,	Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	General	Remarks			
				•										
										All dimensions in metres	Scale: 1:50			
	Method Inspection pit + Cable percussion				2000 M	ark 2	Drilled By:	Dave Hutson	Logged RMiller By:	Checked By:	AGS			

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
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Contract:	Ug	lly Bro	own Buildi	ing			Client: The Trust	A Boreho	ole:	BH13	
Contract Ref	f:	-	Start:	30.0	1.19	Grour	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:		
3	716	654	End:	05.0	2.19		21.83	E:529606.6 N:183786.4		1	of 4
Samp Depth	les a	nd In-si	tu Tests Resu l ts	Water	Backfill & Instru-		Des	cription of Strata	Reduced	Depth (Thick ness)	
		715 -					crete screed.		<u>~</u> / 21.76⁄	0.07/	
- - 0 . 40	1	ES				\10m		Omm, 160 and 170mmbgl.	21.55	0.28	
- 0.40 - 0.70 - 0.70	2	PID ES PID	0.0ppm 0.0ppm		: •:∃•:		ubangular fine and	n slightly sandy gravelly CLAY. Grave medium of red brick, concrete and		- - - -	
- 1.20-1.65 - 1.20 - 1.20	1 1 3	SPT(c) DSPT ES	N=7			• • • • • • • • • • • • • • • • • • • •	Below 1.20m, freque	ent fine to coarse flint gravel.		(2.42)	
1.20		PID	0.0ppm						-	-	
- 2.00-2.45 - 2.00	2	SPT(c) DSPT	N=6							-	
-						NAA F	DE GROUND: Red b		19.13	2.70	
-						IVIAL	DE GROUND: Red b	HCK.	-	(0.50)	
-						MAE	DE GROUND: Driller	notes clay fill and brick rubble.	18.63	3.20	
-									18.03	(0.60)	
-						MAE	DE GROUND: Strong	g grey SANDSTONE.	17.63	4.20	
-						MAE	DE GROUND: Lightium and coarse con-	nt brown sandy clayey subangular crete and flint GRAVEL.		(0.60)	
									17.03	4.80	
- - 5.00-5.45 - 5.00	3	SPT(c) DSPT	N=10	*	::: ::		DE GROUND: Bro ded fine to coarse fl	own slightly clayey subangular to int GRAVEL.	-	(0.70)	
_ 0.00	J	DOI 1							16.33	5.50	
- 5 . 50	4	D				oran	n to stiff brown and onge-brown si l t. NDON CLAY FORM	orange-brown CLAY. With partings o ATION)	-		
- 6.00 - 6.45	1	UT	50 blows 100% recovery					,		-	
6.45	5	D					Below 6.45m, with ows <1mm infilled w	fine gravel sized selenite crystals and th brown silt.		(2.50)	
_ - 7.00-7.45 - 7.00 - 7.00	4 4 6	SPT DSPT D	N=18				At 7.00m, thinly lam	nated.	-	-	
- 7.00	3									[
8.00	7					Cr:tt	think lowingted de-	k grovich brown oilt. CLAV Mitt-	13.83	8.00	×
- 8.00 - 8.00 -	'	D V	c _u =110			sele (LOI	nite crysta l s and biot NDON CLAY FORM	AT I ON)	-	-	
8.50-8.95	2	UT	50 blows 100% recovery			• • •	At 8.45m, with partir	ngs of light brown silt.	F	F	× ×
			,				At 8.80m, claystone		-	<u> </u>	

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Method

Used:

	E	Boring Pro	gress and	Water Ob	;	Chiselling / Slow Progress				
	Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	
	30/01/19	08:00	0.28	- Dopui	300	Dry	2.70	3.20	01:03	1.
	30/01/19	17:00	2.70	2.70	150	Dry	3.80	4.20	01:45	2.
)	31/01/19	08:00	2.70	2.70	150	Dry				2.
	31/01/19		2.70	2.70	200	Dry				
	31/01/19		5.00	5.00	200	5.00				
	31/01/19		5.00	5.00	150	5.00				3.
	31/01/19	17:00	5.30	5.30	150	Dry				-
	01/02/19	08:00	5.30	5.30	150	Dry				All

Plant

Used:

Concrete coring

(300mm) + Cable

Dando 100 (cut

down)

Drilled

Ву:

Dave

Rosenwold By:

General Remarks

- 1. Inspection pit dug to 1.20m through 300mm diameter cored slab to check for services.
- Borehole drilled in 6" casing to 2.70m and encountered obstruction. Hole redrilled with 8" casing to 5.00m before reducing to 6" casing. Reduced to 5" casing at 21.00m.

Ву:

3. Water added between 4.80m and 5.30m to

All dimensions in metres | Scale: 1:50 |
Logged | MMcCann | Checked |





Contract:				ees of the St Pancras Way Block	∢ A Boreho l e:			
Ugly Brown	n Build	ling	U	nit Trust & Big Lobster Ltd			Bŀ	1 13
Contract Ref:	Start:	30.01.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:			
371654	End:	05.02.19	21.83	E:529606.6 N:183786.4		2	of	4
Samples and In-situ Te	ete	<u>~</u> ∞ . 5	<u> </u>		ed -	Denth	M	aterial

	,, ,,	JUT	Liid.	03.0	2.13	21.03 E.323000:0 N. 103700:4			UI T
Samp	oles a	ınd İ n-si	tu Tests	Water	Backfill & Instru-	Description of Strate	Reduced	Depth (Thick	Material Graphic
Depth	No	Туре	Results	Š	Back Ins	Description of Strata	Redi	ness)	Legend
9.50 9.50	9	D D V	c _u =>130			Stiff thinly laminated dark greyish brown silty CLAY. With rare selenite crystals and bioturbations. (LONDON CLAY FORMATION) (stratum copied from 8.00m from previous sheet) Below 9.50m, very stiff.	-	- - - - -	xx xx x
10.00-10.45 10.00 10.00	5 10 5	SPT D DSPT	N=28			A. 40 70	 - - - - -	- - - - - -	X X
11.00	11	D				At 10.70m, claystone.	- - - - -	(6.00)	xx xx xx
11.50-11.95	3	UT	80 blows 100% recovery			At 11.35m, claystone.	- - - -	- - - -	xx
11.95	12	D					 - - -	- - - -	xx
12.50 - 13.00-13.45	13	D SPT	N=31				- - - -	- - - -	xx
13.00 13.00	14 6	D DSPT	N-31				- - - - - 7.83	14.00	- ^ - - x - - x - - x - - x - - x -
14.00 1 1 14.50-14.95	15 4	D UT	70 blows			Very stiff dark greyish brown slightly sandy silty CLAY. Sand is fine. With pockets of greyish brown silt / fine sand. With frequent bioturbations <1mm. (LONDON CLAY FORMATION)	- - - -	- - - -	- x - x - x - x
14.95	16	D	100% recovery				- - - -	- - - -	X X
15.50 15.50	17	D V	c _u =>130				- - - - -	- - - - -	
- 16.00-16.45 - 16.00 - 16.00	7 18 7	SPT D DSPT	N=35				 - - - - - -	- - - - - - -	- x - x - x - x - x - x - x - x - x - x
17.00	19	D					- - - -	- - - - -	x
17.50-17.95	5	UT	75 blows 100% recovery				- - - -	- - - -	xx xx

Ву:

.48_07.	15:05 CS1
BROWN BUILDING GPJ -	. www
V LOG - A4P 371654 UGLY	437500, Fax: 01442 437550,
in: v8_07_001 PrjVersion: v8_07 Log CABLE PERCUSSION	mel Hempstead, Hertfordshire,
GINT_LIBRARY_V8_07.GLB LibVersior	ivironment Ltd,

Used:

Method	0	ete corine	n Plan		do 100 (4	 Drilled	Dave	Al
05/02/19	17:00	35.00	21.00	125	Dry				-
05/02/19	08:00	31.50	21.00	125	27.00				
04/02/19	17:00	31.50	21.00	125	Dry				
04/02/19	08:00	21.00	21.00	125	17.20				Ę
01/02/19	17:00	21.00	21.00	125	Dry				
01/02/19		21.00	21.00	125	Dry				2
01/02/19		19.50	7.00	150	19.50				
Date	Time	Depth	Depth	Diameter (mm)	Depth	From	То	(hh:mm)	
7	T :	Borehole	Casing	Borehole	Water	F		Duration	
E	Boring Pro	ogress and	Water Ob	servations	3	Chiselli	ng / S l ow l	Progress	

down)

Used:

(300mm) + Cable

General Remarks

facilitate drilling may have obscured water strikes/seepages.

- 4. Groundwater seepages encountered at 5.00m
- and 19.50m depth.
 On completion, a 50mm diameter combined gas and groundwater monitoring standpipe was installed with a response zone between

Ву:

Il dimensions in metres | Scale: 1:50 Checked

Logged MMcCann Rosenwold By:





Ugly Brown Building Unit Trust & Big Lobster Ltd BH13 Contract Ref: Start: 30.01.19 Ground Level (m AOD): National Grid Co-ordinate: Sheet: 371654 End: 05.02.19 End:	Contract:			Client: The Trustees of the St Pancras Way Block					
	Ugly Brown E	Building	U	nit Trust & Big Lobster Ltd			В	H13	
371654 End: 05.02.19 21.83 E:529606.6 N:183786.4 3 of 4	Contract Ref:	Start: 30.01.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:				
	371654	End: 05.02.19	21.83	E:529606.6 N:183786.4		3	of	4	

	7/10))4	Ena:	05.0	2.19	Z 1.03 E.329000.0 N. 103/00.4		<u> </u>	or 4
Samp	les a	ınd İ n-si	tu Tests	Water	Backfill & Instru-	Description of Strata	Reduced Level	Depth (Thick	Material Graphic
Depth	No	Туре	Results	\$	Back Ins	Description of Strata	Red	ness)	Legend
- 17.95 - 17.95 -	20	D V	c _u =>130			Below 17.95m, locally with frequent partings of greyish brown silt / fine sand. Very stiff dark greyish brown slightly sandy silty CLAY. Sand	- - - -		x x
- 18.50 - - - - 19.00-19.45	21 8	D SPT	N=39			is fine. With pockets of greyish brown silt / fine sand. With frequent bioturbations <1mm. (LONDON CLAY FORMATION) (stratum copied from 14.00m from previous sheet)	- - - - -	- - - - -	X X X
19.00 19.00	22 8	D DSPT		~			- - - - -	[(11.00) [-	x - x
20.00	23	D				Below 20.00m, locally with fine gravel sized pockets of greyish brown silt / fine sand.	- - - -	- - - -	xx
20.50-20.95	6 24	UT D	85 blows 89% recovery				- - - -	-	
20.95	25	D				At 24 FOres, positive resolute 40 cores	- - - -	-	x _ x _ x _ x _ x _ x _ x _ x _ x _ x _
22.00-22.45	9	SPT	N=44			At 21.50m, pyrite nodule 10mm.	- - - -	-	xx xx
22.00 22.00	26 9	D DSPT					- - - - - -	- - - - -	x _ x x _ x x _ x
23.00	27	D					- - - -	-	^x x x x
23.50-23.95	7 28	UT D	85 blows 89% recovery				- - - -	-	<u></u>
						A4.04.50	- - - -	- - - -	× - × - ×
25.00.25.45	29	D	N-44			At 24.50m, rare fine pyrite nodules.	-3.17	25.00	xx x x = x
- 25.00-25.45 - 25.00 - 25.00	10 10 30	SPT DSPT D	N=44			Very stiff fissured light brown, orange-brown and blue-grey silty CLAY. (LAMBETH GROUP - LOWER MOTTLED BEDS)	- - - - - - -	-	X X
26.00	31	D				Below 26.95m, mottled reddish brown.			XX X
26.50-26.95	8	UT	100 blows 89% recovery				- - - -	- - - -	xx

-											<u> </u>	
	Boring Pr	ogress and	l Water Ol	oservations	3	Chisell	ling / S l ow	/ Progress	Cananal	Danaarla		
Date	Time	Boreho l e		Borehole Diameter	Water	From	То	Duration (hh:mm)				
		Depth	Depth	(mm)	Depth	1		(1111.11111)	1,00m and 5,00m.			
									6. SPT hammer EQU21 used.	36-2018 (<i>E</i> _r =	= 87.47%)	
									All dimensions in metres	Scale: 1	:50	
Method Used:		ete corin m) + Cab		nt Dar d:	do 100 down)	(cut	Drilled By:	Dave Rosenwold	Logged MMcCann By:	Checked By:	AGS	

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07_Ltog CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:				ees of the St Pancras Way Block	A Boreho	ole:		
Ugly Brown	n Build	ing	U	nit Trust & Big Lobster Ltd			Bŀ	H13
Contract Ref:	Start:	30.01.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:			
371654	End:	05.02.19	21.83	E:529606.6 N:183786.4		4	of	4
Samples and In-situ Te	sts	iter			ced	Depth	Ма	aterial

•	,, ,,	70 T	Liiu.	03.0		21:05			UI T
Samp	les a	ınd İ n-si	tu Tests	Water	Backfill & Instru- mentation	Description of Strata	Reduced Level	Depth (Thick	Material Graphic
Depth	No	Type	Results	8	Bacl Ins men	Description of Strata	Red	ness)	Legend
- 26.95 - 27.50	32	D D				Very stiff fissured light brown, orange-brown and blue-grey silty CLAY. (LAMBETH GROUP - LOWER MOTTLED BEDS) (stratum copied from 25.00m from previous sheet)		(4.95)	xx xx xx
- 28.00-28.44 - 28.00 - 28.00	11 11 34	SPT DSPT D	N=53*				-	-	X X
29.00	35	D					- - - -	- - - -	xx
29.50-29.95	9	UT	100 blows 67% recovery				- - - 8.12	29.95	xx
29.95	36	D				Very stiff dark grey and brown silty CLAY. (LAMBETH GROUP - LOWER MOTTLED BEDS)	- - - -	-	xx
30.50	37	D				Below 30.50m, fissured and variably mottled dark grey, light grey, brown, pale purple and yellowish brown.	- - -		x _ x
31.00-31.38 31.00 31.00	12 12 38	SPT DSPT D	N=64*				-	-	X _ X
32.00	39	D					- - -	- (5.05)	
32.50-32.85 32.50	13 40	SPT D	N=77*				-	-	X X
33.50	41	D					- - - - - - -	- - - - - - - -	X X
34.50-34.83 34.50	14 42	SPT D	N=83*			Coble paragraph barehala terrain at all attends of CC	-13.17	35.00	- ^ - - x - x - x - x - x - x
- - - - - - -						Cable percussion borehole terminated at a depth of 35m.	- - - - - - -	-	

E	Boring Pro	gress and	Water Ob	servations	3	Chisell	ing / S i c	w Progress	General Remarks			
Date	Time	Boreho l e Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	General	Remarks		
			•									
									All dimensions in metres	Scale: 1:5	0	
Method Jsed:		te coring n) + Cabl			do 100 down)		Drilled By:	Dave Rosenwold	Logged MMcCann By:	Checked By:	AGS	

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:		Client: The Trust	Client: The Trustees of the St Pancras Way Block					
Ugly Brown I	Building	U	nit Trust & Big Lobster Ltd		I	BH′	14A	
Contract Ref:	Start: 06.02.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:				
371654	End: 06.02.19	21.82	E:529626.5 N:183770.7		1	of	2	

3	3716	354		End:	06.0	2.19	21.82		1	of 2	
Samp	les a	nd In-si	tu Tests		Water	■	_		Reduced Level	Depth	Material
Depth	No	Туре	Res	ults	Ma	Backfill	Des	cription of Strata	Redu	(Thick ness)	Graphic Legend
-							REINFORCED CONCRE	eel rebar	21.52	0.30	
0.40	1	ES PID	0.0p	pm			fine to coarse subangula	dense) brown slightly silty very sandy r concrete and brick GRAVEL.	- - -	(0.70)	
- 0.80 - 0.80	2	ES PID	0 . 0p	pm			MADE GROUND: Ligh	nt brown medium subangluar flint	20.82	1.00	
		ב ב	олор	, pill			∖GRAVEL <10mm.	ole terminated at a depth of 1.20m	20.62	1.20	
-									- - - - -	- - - - -	
- - - - -									- - - - - -	- - - - -	

	E	Boring Pro	gress and	Water Ol	servations	3	Chisell	ing / S l c	w Progress	Conoral	Domarko		
	Date	Time	Borehole	Casing	Borehole Diameter	Water	From	То	Duration	General	Remarks		
	Date	11110	Depth	Depth	(mm)	Depth	110111	'0	(hh:mm)	1. Inspection pit excavat	end to 1 20m donth		
										through a 300mm cored slab to check services. 2. An unknown metal pipe was encounter the base of the pit prompting the boreh relocation to BH14B. 3. Borehole BH14B was drilled to 2.20m and the services of the pit prompting the boreh relocation to BH14B.			
	lethod sed:		te coring			do 100 (Drilled	Dave	Logged MMcCann	Checked ACS		
U	seu.	(300mn	ո) + Cabl	e Use	Used: down)			Ву:	Rosenwold	d By:	By: AGS		

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Ugly Brown Building Unit Trust & Big Lobster Ltd BH14A Contract Ref: Start: 06.02.19 Ground Level (m AOD): National Grid Co-ordinate: Sheet: 371654 End: 06.02.19 End	Contract:			ees of the St Pancras Way Block	A Borehole	ə:		
, , ,	Ugly Brown E	Building	U	nit Trust & Big Lobster Ltd		E	3H′	14A
371654 End: 06.02.19 21.82 E:529626.5 N:183770.7 2 of 2	Contract Ref:	Start: 06.02.19	Ground Level (m AOD):	National Grid Co-ordinate:	Sheet:			
	371654	End: 06.02.19	21.82	E:529626.5 N:183770.7		2	of	2

	371 6	354	End:	06.0	2.19	21.82	E:529626.5 N:183770.7		2	of 2
Sam Depth		nd In-si Type	tu Tests Resu l ts	Water	Backfill	Des	cription of Strata	Reduced Level	Depth (Thick ness)	Material Graphic Legend
		. 71						<u> </u>	11000)	9
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E	Boring Pro	gress and	Water Ob	servations	3	Chiselli	ng / Slo	w Progress	Caparali	Domorle	.	
Date	Time	Borehole	Casing	Borehole Diameter	Water	From	То	Duration	General I	Remark	S	
Date	Tillie	Depth	Depth	(mm)	Depth	1 10111	10	(hh:mm)	encountered concrete	obstruction	Tho	\neg
									borehole was relocate drilled to 2.20m and el obstruction. 4. On terminations boreh and BH14C were back reinstated with concre	d to BH14C ncountered on noles BH14A ofilled with a	which w concrete , BH14E	3
									All dimensions in metres	Scale: 1	:50	
/lethod Jsed:		ete corinç n) + Cabl	-		do 100 (down)		Drilled By:	Dave Rosenwol	Logged MMcCann By:	Checked By:		AGS
	perc	ussion								•		

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07_Ltog CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:	Ug	lly Br	own Buildi	ing				ees of the St Pancras W nit Trust & Big Lobster		A Boreho		BH15
Contract Re	f:		Start:	28.0	1.19	Grour	nd Level (m AOD):	National Grid Co-ordinate:		Sheet:		
3	3716	654	End:	30.0	1.19		23.74	E:529626.3 N:18	3791.3		1	of 4
Samp Depth	oles a	ind In-si	tu Tests Results	Water	Backfill & Instru-	elitation	Des	cription of Strata		Reduced Level	Depth (Thick	Material Graphic Legend
Борит	140	Турс	results			7	NFORCED CONCR	FTF		23.54	ness)	Legend BOOSOO
_						/		grey brown very sandy G	RAVEL of	23.34	0.20	
-						fine	to coarse concrete	vith occasional cobbles of c	oncrete.	23.24	0.50	
- 1.50 - 1.50-1.95 - 1.50	1 2 3	DSPT SPT(c) ES	N=16			MAE sand brick	dy very angu l ar to si	n and grey brown slightly c ubangular fine to coarse co cobble content. Cobbles ar	ncrete and	-	(2.00)	
-										21.24	2.50	
- 2.50 - 2.50-2.95	4 5	DSPT SPT(c)	N=5			MAE	DE GROUND: Bro [,] dv. gravelly CLAY	wn, black and grey mottle Sand is fine. Gravel is ar	ed slightly	-	(0.50)	
2.50	6	ES					angular fine to coars		igulai ana	20.74	3.00	
- 3.50 - 3.50-3.55 - 3.50	7 8 9	DSPT SPT(c) ES	NP			cana	al wall. Below 3.50m, sligh	pable brick and concrete	-	-	(1.60)	
- 4 . 50	10	DSPT								19.14	4.60	\bowtie
7 4.50-4.58 - 4.50 - 4.60	11 12 13	SPT(c) D D	NP			(LOI	n brown and orange NDON CLAY FORM At 4.60m, claystone	ATION)	/	18.74	5.00	
[4.60 - 5.00 - 5.00-5.45	14 15 16	D DSPT SPT(c)	N=17			lens rare	es of orange brown	own CLAY. With thin lar clay, occasional selenite cr prown silt / claystone. ATION)		-		
- 6.00 - 6.45	17	UT	22 blows							-	_	
-			100% recovery							-	(2.90)	
6.50	18	D									[2.90]	
7.00 7.00-7.45	19 20	DSPT SPT	N=21							15.84	- - - - - - - - - - - - - - - - - - -	
-						Stiff	fissured dark grevi	sh brown CLAY. Fissures a	are closelv	10.04	7.90	
- 8.00-8.45 - - - 8.50	21	UT D	28 blows 100% recovery			space burre brow	ced and randomly ows. Rare pyritised vn fine sand partings	orientated. With grey cl sand pockets <5mm and s.	lay infilled	- - - -	-	
5.55		נ					NDON CLAY FORM At 8.50m, claystone			E	-	

Ву:

Mark Taylor By:

BROWN BUILDING GPJ - v8_07.	www.rsk.co.uk. 18/04
GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 Lo	ıvironme

Used:

2	E	Boring Pro	gress and	Water Ob	servations	3	Chiselli	ng / S l ow F	Progress	
	Date	Time	Boreho l e	Casing	Borehole Diameter	Water	From	То	Duration	
3	2 410		Depth	Depth	(mm)	Depth			(hh:mm)	
5	28/01/19	08:00		-			3.00	4.60	04:00	
2	28/01/19	13:00	4.70	4.70	200		15.00	16.30	00:50	
"	28/01/19	17:00	8.50	7.00	150					2
2	29/01/19	08:00	8.50	7.00	150	Dry				
į	29/01/19	13:00	15.00	7.00	150	15.00				3
:	29/01/19	17:00	20.00	7.00	150					
	30/01/19	08:00	20.00	7.00	150	15.90				
	30/01/19	13:00	24.90	7.00	150	24.90				Α
į	Method	Inspec	tion pit +	• Plan	t		l l	Drilled		

Bespoke Rig

Used:

Cable percussion

General Remarks

- Inspection pit dug to 1.50m using a machine excavator to faciliate structural survey of sheet piled canal wall.
- 2. Inspection pit backfilled prior to drilling to allow the righ to set up safely.
 3. Borehole drilled between buried canal wall and existing sheet piled canal wall.

Ву:

All dimensions in metres | Scale: 1:50 Logged CSiberry Checked





Contract:				ees of the St Pancras Way Block	A Borehole	e:			
Ugly Brown E	Building		Uı	nit Trust & Big Lobster Ltd			В	H1	15
Contract Ref:	Start: 28.01.1	G rour	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:				
371654	End: 30.01.1	•	23.74	E:529626.3 N:183791.3		2	of	4	4

J	57 Tt))4	End:	30.0	1.19	23.74 E:529626.3 N:183791.3			of 4
Samp	les a	nd In-si	tu Tests	Water	Backfill & Instru-mentation	Description of Strata	Reduced	Depth (Thick	Material Graphic
Depth	No	Type	Results	>	Bac lns	Description of Strata	%	ness)	Legend
9.00 9.00-9.45	23 24 25	DSPT SPT D	N=36			Stiff fissured dark greyish brown CLAY. Fissures are closely spaced and randomly orientated. With grey clay infilled burrows. Rare pyritised sand pockets <5mm and rare light brown fine sand partings. (LONDON CLAY FORMATION)	-	-	
9.75	26	UT	33 blows			(stratum copied from 7.90m from previous sheet)	- - - - - -	-	
_			100% recovery			A44400 L II L II L II L	-	- - -	
11.00	27	D				At 11.00m depth, sand partings absent. Below 11.00m, pyrite / pyritised sand absent.		- - - - - -	
- 12.00 - 12.00-12.45	28 29	DSPT SPT	N=27				-	(9.10)	
12.75	30	D					-	- - - - -	
13.50-13.95	31	UT	46 blows 100% recovery						
- 14.00 - - - - -	32	D		%		… At 14:00m, claystone.	-	-	
- 15.00 - 15.00-15.07	33 34	DSPT SPT	NP	V		At 15.00m, claystone.	- - - - -	-	
15.75	35	D				At 15.75m, rare shell fragments.	- - - - -	-	
16.50-16.95	36	UT	44 blows 100% recovery				6.74	17.00	
- 17 ₋ 00	37	D				Very stiff dark brown slightly sandy CLAY. Sand is fine to medium. Occasional grey clay infilled burrows. Rare forams and occasional mica. (LONDON CLAY FORMATION)		-	
-							-	-	

					LONE	DON CLAT	FORWAT	ION)		
Е	Boring Pro	gress and	Water Ol	oservations	3	Chiselli	ng / Slow F	Progress	0	Davas avilsa
Date	Time	Borehole	Casing	Borehole Diameter	Water	From	То	Duration (hh:mm)	General	Remarks
30/01/19	17:00	Depth 32.00	7.00	(mm) 150	Depth				4. Groundwater seepage 15.00m and 24.90m d 5. On completion, an 80 was installed to 32m t geophysical survey. 6. SPT hammer GEH3-2 used.	lepth. mm diameter standpipe to facilitate downhole
Method Used:	•	tion pit +			spoke R		 Drilled By: M a	ark Taylo	Logged CSiberry	Scale: 1:50 Checked By: AGS

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07_Ltog CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



Contract:					ees of the St Pancras Way Block	A Boreho	ole:			
Ugly Brown	Build	ing		Ur	nit Trust & Big Lobster Ltd			В	BH1	5
Contract Ref:	Start:	28.01.19	Groun	d Level (m AOD):	National Grid Co-ordinate:	Sheet:				
371654	End:	30.01.19		23.74	E:529626.3 N:183791.3		3	of	f 4	ļ.
		. ~× ⊆				70				

	011	· ·	Liiu.	30.0		20.74			UI T
San	nples a	and In-si	itu Tests	Water	Backfill & Instru-	Description of Strata	Reduced Level	Depth (Thick	Material Graphic
Depth	No	Туре	Results	Š	Back	Description of Strata	Red	ness)	Legend
- 18.00 - 18.00-18.4	38 39	DSPT SPT	N=34			Very stiff dark brown slightly sandy CLAY. Sand is fine to medium. Occasional grey clay infilled burrows. Rare forams and occasional mica. (LONDON CLAY FORMATION)	- - - -	-	
18.75	40	D				(stratum copied from 17.00m from previous sheet) At 18.75m, silty clay and rare shell fragments.	- - - - -	- - - - -	
19.50-19.9	5 41	UT	48 blows 100% recovery				- - - -		
20.00	42	D				At 20.00m, occasional light brown fine sand lenses.	- - - - - -	- - - - - -	
21.00	43 44	DSPT SPT	N=42			At 21.00m, silty clay.	- - - - - - -	- - - - - -	
21.75	44	D				Below 21.75m, occasional light brown fine sand lenses with pyritised sand pockets <10mm and pyrite nodules <15mm.	- - - - - -	-	
22.50-22.9	5 45	UT	53 blows 100% recovery				- - - -	(11.20)	
23.00	46	D					- - - - - - -	-	
24.00 24.00-24.4	47 48	DSPT SPT	N=43				-		
24.75	49	D		*		At 24.75m, silty clay.	- - - - -	- - - - -	
25.50-25.9	5 50	UT	56 blows 100% recovery				- - - - -	- - - -	
26.00	51	D					- - - - - -	- - - - - -	
F							F	F	

ſ	ı	Boring Pro	gress and	Water Ol	oservations	3	Chisell	ing / S l ov	/ Progress	General	Domorko	
	Date	Time	Borehole Depth	Casing Depth	Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)	General	Remarks	
			,	,								
										All dimensions in metres	Scale: 1:50	
	Method Used:							Drilled By:	/lark Taylo	Logged CSiberry	Checked By:	AGS

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PŋVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |



BORFHOLF LOG

Contract:	Ug	lly Br	own B						Jnit Tr	ust & Big Lobs	ter Ltd	A Boreho		BH15
Contract Re	f:		8	Start:	28.0	1.19	9 Gro	und Level (m AOD):	Nati	ona l Grid Co - ordi	nate:	Sheet:		
3	3716	354	E	End:	30.0	1.19	9	23.74	E	:529626.3 N	:183791.3		4	of 4
			itu Tests	.14	Water	Backfill & Instru-	entation	De	scription	on of Strata		Reduced Level	(Thick	Materia Graphic
Depth	No	Туре	Resu	IIIS		8 -		stiff aland, bossons	- l: - l- 4l.		\ i_ fi t_	- 8 - 1	ness)	Legend
27.00 27.00-27.45 - - - - - - - - - - - - - - - - - - -	52 53 54	DSPT SPT D	N=4 ⁻	.7			m ar (L	ery stiff dark brown edium. Occasional g d occasional mica. ONDON CLAY FORM tratum copied from 17	rey c l a иАТ І ОІ	y infilled burrows N)	s. Rare forams	-	- - - - -	
-												-1.46	28.20	
28.20	55	D					// Fi	ery stiff fissured br				-4.40	20.20	
28.50-28.95	56	UT	68 blo 100% red				(L	AMBETH GROÚP - L	OWE	R MOTTLED BED	9 S)	-		===
29.00	57	D						. Below 29.00m, mod	tt l ed re	ddish brown.		- - - - -	- - - - -	
30.00 30.00-30.38	58 59	DSPT SPT	N=67	7*								-	(3.80)	
30.75	60	D										-	- - - - - - -	
31.50-31.95	61	UT	72 blo 100% red										- - -	
32.00	62	D					Ca	able percussion boreh	no l e ter	minated at a dept	h of 32m.	- - 8.26	32.00	

	Depth Depth Diam (mn			bservations	3	Chisell	ing / S l o	w Progress	General Remarks				
Date	Time			Borehole Diameter (mm)	Water Depth	From	То	Duration (hh:mm)		<u> </u>	Remai	KS	
					'								
									All dimensi	ons in metres	Scale:	1:50	
Method							Drilled		Logged	CSiberry	Checked		AGS
Used:	Cable p	ercussio	n Use	ed: Be	spoke R	ig	Ву:	Mark Taylo	or ^{By:}		Ву:		AGS

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log CABLE PERCUSSION LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07.
RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 18/04/19 - 15:05 | CS1 |

Bespoke Rig



Contract:	Jgly Bro	wn E	Build	ling		Client:		tees of the St Pancras Way Block Init Trust & Big Lobster Ltd	≜ Windo		le: WS01
Contract Ref:			Start:	29.01.19	Groun	d Leve	(m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654		End:	29.01.19		21.	86	E:529571.6 N:183834.7		1	of 2
Progress			oles / T		Water	Backfill		Description of Strata	Reduced Level	Depth (Thick	Material Graphic
Window Run	Depth	No	Туре	Results		- M	DEINEOD	CED CONCRETE.	- Re	ness)	Legend
_	-						7	sets of 10mm steel rebar at 0.10 and	21.51	(0.35)	
-	0.40 - 0.40 -	1	ES PID	0.0ppm			clayey gra	ROUND: Orangish brown slightly avelly fine to coarse SAND. Gravel is o rounded fine to coarse of clinker, flint.	21.26	0.60	
_	0.80 0.80	2	ES PID	0.0ppm			MADE G gravelly C brick. Occ	ROUND: Orangish brown slightly CLAY. Gravel is subangular medium asional relict rootlets.	21.06	0.80	
- -	1.20-1.65	1	SPT	N=8			occasiona coarse sa	ming stiff orangish brown CLAY. With I gleying and occasional medium to nd selenite.	-	- - -	
1.20 - 2.00 (98mm dia) - 100% rec	-								-	- - -	
-	1.80	1	D						-	-	
	2.00-2.45 2.00	2	SPT V	N=21 c _u =112				Om, gleying and occasional pockets of nish orange silty clay.	-	(2.60)	
2.00 - 3.00 (85mm dia) - 100% rec	2.50	2	D						-	- - -	
- V	3.00 - 3.45 3.00	3	SPT V	N=19 c _u =>125					- - -	- - -	
3.00 - 4.00 (75mm dia) - 100% rec	3.50	3	D				With light surfaces.	inctly fissured orangish brown CLAY. orangish brown staining on fissure	18.46	3.40	
- 4.00 - 5.00 (65mm dia)	- - 4.00-4.45 - 4.00	4	SPT V	N=19 c _u =>125					- - - -	(1.60)	
	-								_	-	

GINT_LI RSK En	Method Used:			te corii mm) +	ng	Plan Use		ılar [mplir	
BRARY_V8_07.GLB LibVersic vironment Ltd, 18 Frogmore Re									
งก: v8_07 วad, Hem	Date	Tin		Borehole Depth (m)) C	Casing Depth (m)	Borehole Diameter (mm)	Wa Dep (m	oth
001 Pr el Hem	I	Orilling	g Pro	gress ar	nd W	ater Ol	oservations	S	
rjVersion: v8_07 Log v ipstead, Hertfordshire, F	- 4,00 - 5, (65mm c	dia)	4.00 - 4.00 - - -	0-4.45)	4	SPT V	N=19 c _u =>12		
GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PŋVersion: v8_07 Log WINDOW SAMPLE LOG - A4P 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. 17/04/19 - 16.32 CS1	3,00 - 4, (75mm c - 100% r	dia)	- - - 3.50 - -	0	3	D			
371654 UGLY BRO\ =ax: 01442 437550, W	- V		- - 3.00 - 3.00	0 - 3.45)	3	SPT V	N=19 c _u =>12		
WN BUILDING.GPJ - v feb: www.rsk.co.uk. 17	2.00 - 3. (85mm c 100% r	dia)	- - 2.50 -	0	2	D			
8_07. 7/04/19 - 16:			_ 2.00 2.00	0-2 <u>.</u> 45 0	2	SPT V	N=21 c _u =112	2	
32 CS1	- `100% r - -	ec	1.80	0	1	D			
	4000/ -								

Modular Dynamic

Sampling Rig

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.

- stab to check for services.

 2. Clegg hammer test carried out at base of inspection pit.

 3. Downhole UXO magnetometer survey carried out by specialist.

 4. Stainless steel casing installed throughout depth to facitliate UXO clearance.

 5. Final SPT at 5.00m not carried out due to positive reading on UXO magnetometer equipment.

Α	II dimens	sions in metres		Sc	ale:	1:25
	Drilled By:	Liam Tyler	Logge By:	d	RMiller	Checked By:



Contract:						- 1	Client:	The Truste	ees of the St Pancras Way Block	A Windov	v Samp	e:
L	Jgly Brov	vn E	3ui l d	ling				Ur	nit Trust & Big Lobster Ltd		1	WS01
Contract Ref:	-		Start:	29.01.19	Gro	ound	Leve	(m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654		End:	29.01.19			21.	86	E:529571.6 N:183834.7		2	of 2
Progress		Samı	ples / T	Tests		_	=			ed -	Depth	Material
Window Run	Depth		Туре	Results		Water	Backfill		Description of Strata	Reduced Level	(Thick ness)	
4.00 - 5.00 (65mm dia) 100% rec	4.50	4	V	c _u =>125				With light surfaces. (LONDON (stratum of sheet)	notly fissured orangish brown CLAY. orangish brown staining on fissure CLAY FORMATION) copied from 3.40m from previous ample borehole terminated at a depth	16.86	5.00	
	L									L		

ı	Orilling Pro	gress and	Water Ob	servations	3
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)

General Remarks

6. The borehole remained dry during drilling.7. On completion the borehole was backfilled with arisings and reinstated with concrete.

1:25 All dimensions in metres Scale: Checked Logged

Concrete coring (300mm) + Method Used:

GINT_LIBRARY V8 07.GLB LibVersion: v8 07 001 PŋVersion: v8 07 1 Log WINDOW SAMPLE LOG - A4P J 371654 UGLY BROWN BUILDING.GPJ - v8 07. RSK Environment Lid, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 17704/19 - 16:32 | CS1 |

Modular Dynamic Sampling Rig Plant Used:

Drilled

Liam Tyler

RMiller

Ву:

AGS



Contract:	Jgly Bro	wn E	Build	ling		Client:	The Trust	ees of the St Pancras Way Block nit Trust & Big Lobster Ltd	A Windo		le: WS02
Contract Ref:			Start:	29.01.19	Groun	d Level	(m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654		End:	29.01.19		21.	83	E:529581.7 N:183820.5		1	of 2
Progress			ples / ٦		Water	Backfill		Description of Strata	Reduced Level	Depth (Thick	Material Graphic
Window Run	Depth	No	Туре	Results	≥	Ä			Re	ness)	Legend
-	-						Two: 0.20 m de	•	21.54	0.29	
- - - - -	0.40 - 0.40 -	1	ES PID	0.0ppm			CLAY. Wit	oming stiff brown and orange brown th pockets of orange brown silt. CLAY FORMATION)	-	-	
- - -	1.20-1.65	1	SPT	N=9					- - - -	- - -	
1.20 - 2.00 (98mm dia) - 100% rec	1.50	2	D				rootlets.	1.60m, blue grey gleying and relic		-	
	2.00 2.00-2.45	1 2	D SPT	N=19			Be l ow	0m, orange brown silt horizon. 2.00m, becoming thinly laminated. 0m, fine gravel sized selenite crystals.	- - -	- - -	
2.00 - 3.00 (85mm dia) - 100% rec	2.30	3	D						-	- - - (4.71)	
- **	- - - 3.00 - 3.45	3	SPT	N=17			At 2.9	0m, fine gravel sized selenite crystals.	-	- - -	
3,00 - 4,00	3.40	4	V	c _u =92			At 3.3	0m, thin claystone band <50mm.	-	-	
75,00 - 4,00 (75mm dia) - 100% rec	-	7							-	- - -	
- 4.00 - 5.00 (65mm dia) 100% rec	- - - - -	4	SPT	N=17					- - -	-	

1	Drilling Pro	gress and	Water Ob	servations	S	П
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
		3.50	-		3.50	
						Ш
						Ш
						Ш

Plant

Used:

Modular Dynamic

Sampling Rig

Concrete coring

(300mm) +

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Method

Used:

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.
- 2. Clegg hammer test carried out within base of inspection pit.
- Joseph named test carried out within base of implection pit.
 Downhole UXO magnetometer survey carried out by specialist.
 Stainless steel casing installed throughout depth to facilitate UXO clearance.
 Slight groundwater seepage at 3.50m depth.
 On completion the borehole was backfilled with arisings and reinstated with

Liam Tyler By:

1:25 All dimensions in metres Scale: Drilled Logged MMcCann Checked



Ву:



Contract:	Jgly Bro	wn E	Build	ling			C l ient:	The Trust U	tees of the St Pancras Way Bloc nit Trust & Big Lobster Ltd	∢ A Windo		ole: WS02
Contract Ref:				29.01.19	Gr	ound	d Level	(m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654			29.01.19			21.	83	E:529581.7 N:183820.5		2	of 2
Progress		Sam	ples / 1	Tests	_	Water	Backfill		Description of Strata	Reduced	Depth (Thick	Material Graphic
Window Run	Depth	No	Туре	Results		Š	Ba			Rec	ness)	Legend
- 4.00 - 5.00 (65mm dia) 100% rec	4.60	5	V	c _u =>125				CLAY Wit (LONDON (stratum sheet) At \selenite	oming stiff brown and orange brow th pockets of orange brown silt. CLAY FORMATION) copied from 0.29m from previou 4.80m, fine to medium gravel size ample borehole terminated at a dept	s - 16.83	5.00	
	-									- - - - - - - -	-	
-	-									- - - - - - - -	-	
- - - - - - - - - - - - - - - - - - -										- - - - - - - - - -	-	

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JG - A4 137500	_
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PrjV6 mpst	
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Versi	
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V8_0 Ltd,	
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e E	Г	Orilling Pro	gress and	Water Ob	servation	S			Can	1) a ma a wika		
a, nen	Date	Time	Borehole Depth	Casing Depth	Borehole Diameter	Water Depth			Gene	erai i	Remarks		
Ž Y			(m)	(m)	(mm)	(m)	conc	rete.					
more													
50													
a, o													
aut Et													
Ŭ Loui							Δ	II dimens	sions in metres		Scale:	1:25	
YOK EIIV	Method Used:		ete corine mm) +	g Plan Used	t Modu	ular Dyna mpling F	amic Rig	Drilled By:	Liam Tyler	Logged By:	MMcCann	Checked By:	AGS



Contract:						Clie	nt: The Trust	ees of the St Pancras Way Block	₩indo	w Samp	le:
	Jgly Bro	wn E	Build	ing			U	nit Trust & Big Lobster Ltd	Avviilaev		WS03
Contract Ref:			Start:	29.01.19	Grou	und Lev	vel (m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654		End:	29.01.19		2	2.04	E:529576.0 N:183815.5		1	of 2
Progress		Sam	ples / T	ests		ກ <u>≅</u> -	tion		ced e-	Depth	Materia
Window Run	Depth	No	Туре	Results		Water Backfill & Instru-		Description of Strata	Reduced Level	(Thick ness)	Graphic Legend
	-							CED CONCRETE.	-	(0.29)	
	-						0.20 m dep		21.75	0.29	
	0.40	1	ES				with rare of	OUND: Brown slightly gravelly CLAY obbles of red brick. Gravel is fine to	21.55	0.49	
	- 0.40 - 0.40	l i	D	0 . 1ppm			Firm beco	angular red brick. ming stiff brown and orange brown	21.55	0.43	
	0.70	2	ES				CLAY, Wit	n pockets of orange brown silt. CLAY FORMATION)	-	_	
	- 0.70 - 0.70	2	D PID	0.0ppm							
	_					*.*□	••		-	-	
	-								-	-	
	1.20-1.65	1	SPT	N=5					†	-	
Ţ	_								-	-	
	-						•••			F	
1.20 - 2.00	1.50	3	D								
(98mm dia)							<u>``</u>				
							[<u>*</u> •]				
							At 1.80	m, brown si l t horizon.			
	_									L	
A	2.00-2.45 2.00	2	SPT	N=18 c =108			∭ Below	2.00m, becoming thinly laminated.	-	_	
	- 2.00		\ \ \	C _u -100					-	-	
	-								-	-	
	-					. 💥			-	-	
2.00 - 3.00	_				"	\bigvee			-	-	
(85mm dia)	2,60	4	D				∭ ,,	2 COme acceptional first arroyal stand	-	-	
	2.00	4	0				se l enite cr	2.60m, occasional fine gravel sized stals.	-	-	
	-						× 501011110 01	· caici	-	-	
Ţ	-								+	(4.96)	<u> </u>
	3.00-3.45	3	SPT	N=16					-	F(4.50)	
^	3.00-3.45	3	V	c,,=122					-	-	
	-			u					-	-	
	_								-	-	
	0.40	-							-	-	
3.00 - 4.00	3.40	5	D						-	-	
(75mm dia)	-								+	ļ	<u> </u>
	_								-	-	<u> </u>
	-						×	on the manual simulation to the state of the	+	ļ	
	-						₩At 3.80	Om, fine gravel sized selenite crystals.	-	-	
	4.00.4.45		CDT	NI-OC					-	_	H
^	4.00-4.45 4.00	4	SPT V	N=22 c _u =>125					+	ļ	
4.00 - 5.00				Su - 120					+	-	
(65mm dia)	Ļ						₩		F	ļ	<u> </u>

1	Drilling Pro	gress and	Water Ob	servations	3	П
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)	
		2.50	-		2.50	
		4.50	-		4.50	

Plant

Used:

Modular Dynamic

Sampling Rig

Concrete coring

(300mm) +

Method Used:

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 17/04/19 - 16.32 | CS1 |

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.

- slab to check for services.

 2. Downhole UXO magnetometer survey carried out by specialist.

 3. Stainless steel casing installed throughout depth to facilitate UXO clearance.

 4. Groundwater seepages encountered at 2.50m and 4.50m depth.

 5. On completion, a 50mm combined gas and groundwater monitoring standpipe installed with a response zone between 1.00m and 2.00m depth.

Α	II dimen	sions in metres		Scale:	1:25
	Drilled By:	Liam Tyler	Logge By:	d MMcCann	Checked By:



Contract:	Jgly Bro	wn E	Build	ling			Client: The Trustees of the St Pancras Way Block Unit Trust & Big Lobster Ltd					A Window Sample: WS03				
Contract Ref:				29.01.19	Gro	ounc	Level	(m AOD):	National Grid Co-o	rdinate:	Sheet:					
37	1654			29.01.19			22.		E:529576.0	N:183815.5		2	of 2			
Progress			oles / T			Water	Backfill & Instru-mentation		Description of St	rata	Reduced	Depth (Thick	Graphic			
Window Run	Depth	No	Туре	Results		≥	ie = a				Re. L	ness)	Legend			
4.00 - 5.00 (65mm dia)	4.80 5.00-5.45 5.00	6 5	D SPT V	N=17 c _u =>125				CLAY, Wit (LONDON	ming stiff brown ain pockets of orange CLAY FORMATION copied from 0.49n	brown si l t. I)	- - - -	- - - -				
											- 16 50	- 5 15				
								Window sa of 5.45m.	ample borehole term	inated at a depth	- 16.59	- 5.45 				
	-										-	-				
	- - - -										-	- - - - -				
-	-										-	-				
	_										_	_				
-	-										-	-				
-	-										-	_				
-	-										-	-				

_	
-	
_	
-	
Date	
Method	
Used:	

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PŋVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Lid, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 17704/19 - 16.32 | CS1 |

[Orilling Pro	gress and	Water Ob	servations	3
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)

Plant Used:

Concrete coring (300mm) +

Modular Dynamic Sampling Rig

General Remarks

All dimensions in metres Scale: 1:25

Drilled Logged MMcCann Checke

Liam Tyler By: 1.25

| Logged | MMcCann | By: | By: |





U	Igly Bro	wn E	3uild	ing		Cilent.	U U	ees of the St Pancras Way Blocl nit Trust & Big Lobster Ltd	(Avviildo		ws04
Contract Ref:			Start:	30.01.19	Groun	d Level	(m AOD):	National Grid Co-ordinate:	Sheet:		
37 ⁻	1654		End:	30.01.19		21.	76	E:529596.4 N:183800.5		1	of 2
Progress		1	ples / T		Water	Backfill		Description of Strata	Reduced	Depth (Thick	Graph
Window Run	Depth	No	Туре	Results	>	aŭ Turan	DENIEGO		Re L	ness)	Legen
	- -						Two : 0.16 m de		21.48	0.28	
		1	ES				very sand coarse b GRAVEL Occasiona	ROUND: Dark brown slightly clayery subangular to subrounded fine to rick, concrete, flint and clinke With occasional pieces of plastic I cobbles of concrete and brick with ts of brown clay.	r - 	- - -	
	0.90	2	PID	0 . 0ppm			-	·	-	(1.22)	
	1,20-1,65	3	SPT(c)	N=9					20.26	1.50	
1.20 - 2.00 (98mm dia) 50% rec	- - -						slightly sa	ROUND: Orange brown and brown ndy gravelly CLAY. Gravel is angula ided fine to coarse clinker, brick and	r	(0.70)	
- X	2.00 2.00-2.45 2.00	4 5	ES SPT PID	N=21 0 . 0ppm				laminated light brown CLAY. With		2.20	
2.00 - 3.00 (85mm dia) 50% rec	- - 2.50	6	D				sized sel brown stai	enite crystals. Locally with orange	-	- - -	
	3.00 - 3.45	7	SPT V	N=29 c _u =92					-	- - -	
3.00 - 4.00	-			J _u −J2						-	
(75mm dia) 100% rec	3.50	8	D						-	(3.25)	
4.00 - 5.00 (65mm dia)	- 4.00-4.45 4.00	9	SPT V	N=37 c _u =113			At 3.8	0m, coarse claystone gravel.	- - -	- - -	

[Orilling Pro	gress and	Water Ob	servations	s
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)
30/01/19		2.10	-		2.10

Plant

Used:

Modular Dynamic

Sampling Rig

Concrete coring

(300mm) +

GINT LIBRARY V8 07.GLB LibVersion: v8 07 001 PriVersion: v8 07 1 Log WINDOW SAMPLE LOG - A4P J 371654 UGLY BROWN BUILDING.GPJ - v8 07. RSK Environment Ld, 18 Frogmore Road, Hemel Hempstead, Herfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 17704/19 - 16.32 | CS1 |

Method

Used:

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.
- 2. The sides of the inspection pit were unstable.

- Clegg hammer test carried out within the base of the inspection pit.
 Groundwater seepage encountered at 2.10m depth.
 Stratum depths approximate where recovery <100%.
 On completion the borehole was backfilled with arisings and reinstated with

1:25 All dimensions in metres Scale: Drilled **RMiller** Checked Logged Ву: Ву: Liam Tyler





Contract:	Ugly Brown Building								ees of the St Pancras Way Block nit Trust & Big Lobster Ltd	A Windov		le: WS04
Contract Ref:			Start:	30.01.19	Gro	und	Level	(m AOD):	National Grid Co-ordinate:	Sheet:		
37	1654		End:	30.01.19			21.	76	E:529596.4 N:183800.5		2	of 2
Progress		Sam	ples / 1			_	=		1	- G	Depth	Material
Window Run	Depth		Туре	Results		Water	Backfill		Description of Strata	Reduced Level	(Thick ness)	
Window Run 4.00 - 5.00 (65mm dia) 100% rec	Depth 4.50 5.00-5.45 5.00	No 10	Type D SPT V	N=41 c _u =119		Wa	Bac	occassiona sized sela brown stair (LONDON (stratum o sheet)	laminated light brown CLAY. With gleying and medium to coarse sand enite crystals. Locally with orange	- 16.31		

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PŋVersion: v8_07 | Log WINDOW SAMPLE LOG - A4P | 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Lid, 18 Frogmore Road, Hemel Hempstead, Herifordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. | 17704/19 - 16.32 | CS1 |

e	[Orilling Pro	gress and	Water Ob	servations	3			Con	المر	Damarka		
Road, Heme	Date	Time	Borehole Depth	Casing Depth	Borehole Diameter	Water Depth			Gene	erai	Remarks		
Şoa			(m)	(m)	(mm)	(m)	conc	rete.					
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-rogmore													
ē.													
2													
Ė,													
ent													
vironment							Δ	II dimens	sions in metres		Scale:	1:25	
Ĕ	Method		te coring			ılar Dyna		Drilled		Logge	d RMiller	Checked	AGS
Š	Used:	(300	mm) +	Used	^{i:} Saı	mpling R	lig	Ву:	Liam Tyler	By:		By:	AGS



Contract:	Ugly Brown Building						Client: The Trustees of the St Pancras Way Block AWindow Sample Unit Trust & Big Lobster Ltd						
Contract Ref:			Start:	30.01.19	Groun	d Level	(m AOD):	National Grid Co-ordinate:	Sheet	:			
37	1654		End:	30.01.19		21.	77	E:529593.8 N:183785.	4	1	of 2		
Progress		Sam	ples / T	ests		≡ - tion			p –	Depth	Material		
Window Run	Depth	No	Туре	Results	Water	Backfill & Instru-mentation		Description of Strata	Reduced Level	(Thick ness)			
-	-						1	CED CONCRETE.		-			
_	_						O.16 m dep	ets of 20 mm steel rebar at 0.04 a oth	nd 21.51	0.26			
-	- - - - 0.60 - 0.60	1	ES PID	0 . 0ppm			angular to clinker GR	ROUND: Dark brown very san subrounded brick, concrete, flint a AVEL. Sand is fine to coarse. Locats of light brown clay.	nd 📙	-			
									t	t			
_	0.90	2	D			· · · H · · ·			-	_			
	_								-	(1.89)			
A	1.20-1.65	3	SPT(c)	N=20									
-	_								-	_			
1.20 - 2.00 (98mm dia)	-									-			
- 40% rec	_								-	-			
	-								-	-			
- ▼ 2.00 - 2.15	2.00-2.07	4	SPT(c)	NP					-	_			
- (85mm dia) 20% rec			(0)				The windo	w sample horehole was terminated	19.62	2.15			
	- - - - - - - - - - - - - -					XXXXX	The windo a depth of	w sample borehole was terminated 2.15m on a brick obstruction.	at				

I	Orilling Pro	gress and	Water Ob	servations	6
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)
1					

Plant

Sampling Rig

Concrete coring

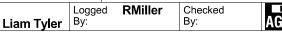
(300mm) +

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.
- 2. The sides of the inspection pit were unstable.

- Clegg hammer test carried out within the base of the inspection pit.
 Stratum depths approximate where recovery <100%.
 Borehole terminated due to formed brick obstruction at 2.15m depth.
 On completion a 50mm combined gas and groundwater monitoring standpipe

1:25 All dimensions in metres Scale: Modular Dynamic Drilled





Method

Used:



Contract:			Client: The Trust	∧ Window Sample:				
Ugly Brown I	Building		Uı			W	S 05	
Contract Ref:	Start: 30.01.19	Grour	nd Level (m AOD):	National Grid Co-ordinate:	Sheet:			
371654	End: 30.01.19		21.77	E:529593.8 N:183785.4		2	of	2

를 통할 Description of Strata 를 하 (Thick Graphic	37	1654	End: 3	0.01.19		21.	77	E:529593	3.8 N:183785.4		2	of 2
	Progress			sts	ater	kfill & stru- tation		Description of	of Strata	luced	Depth (Thick	Material Graphic
	Window Run	Depth N	lo Type	Results	We	Bac Ins men		Description	or otrata	Red	ness)	Legend
	-	-								-	-	
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ଓ ଝି		Modula	mm) + r Dynam	ic
NT L	Method Used:	Concre	te corin	g
GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PŋVersion: v8_07 Log WINDOW SAMPLE LOG - A4P 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Herfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. 17/04/				
rsion: v8 Road, F	Date	Time	Depth (m)	
07 00 Temel I			gress and Borehole	W I
11 Prj Hemp		•		
Versi stead				
ion: vi	_	f		
3_07 tfords	=	-		
Log shire,	_	-		
WIND HP3	-			
07 Log WINDOW SAMPLE LOG - A4P 371654 UGLY BROWN BUILDING.GPJ - vg_07. ordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. 17/04/19 - 16:32 CS1	=			
SAMP Tel: 0'	_	-		
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JG - A 13750	_	-		
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LY BF 7550,	_	-		
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BUIL	_	-		
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S.GPJ	_			
- v8 17/0	_	-		
07 14/19	_	-		
-16:3	_			
5 CS	_	-		
<u>-</u>	-	-		

I	Drilling Pro	gress and	Water Ob	servations	3
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)

Plant

General Remarks

was installed with a response zone between 1.00m and 2.00m.

All dimensions in metres 1:25 Scale: Modular Dynamic Sampling Rig Drilled

Logged By: **RMiller** Checked Ву: Liam Tyler





								•		ZIAII L								
C	ontract:						Clier	t: The Trust	ees of the St Pancras Way E nit Trust & Big Lobster Ltd	Block AWindo		ole: WS06						
		Jgly Bro	wn I							<u> </u>								
Co	Contract Ref: Start: 30.0		30.01.19	Grou	nd Lev	el (m AOD):	National Grid Co-ordinate:	Sheet										
	37	1654		End:	30.01.19		21	.79	E:529598.8 N:18377		1	of 1						
	Progress San		ogress Sam		gress Sam		Sam		Sam		ests		<u>5</u>		Description of Ottoba		Depth	Material
W	Window Run Depth No		n No Type		Results	Water	Backfill		Description of Strata	Reduced Level	(Thick ness)							
-		-						% ₩	CED CONCRETE (300 mm core	21.51	0.28							
		0.60	1	ES PID	0.0ppm			angular to of brick, o coarse. C	ROUND: Dark brown very s sub rounded fine to coarse GR/ concrete and clinker. Sand is fi occasional cobbles of concrete rare pockets of light brown clay.	AVEL - ne to -	-							
-		1.20-1.58	2	SPT(c)	N=74*					- - - -	(1.22)							
-		1.40-1.50	3	SPT(c)	N=195*					20.29	1.50							
-		-						The windo a depth o conditions	w sample borehole was terminat of 1.50m due to very dense gr	ted at round - - -	- - -							
-		-								- - -	- - -							
-		-								-	-							
-		-								- - -	- -							
-		-								-	-							

GINT_LIBRARY_V8_07.GLB LibVersion: v8_07_001 PrjVersion: v8_07 Log WINDOW SAMPLE LOG - A4P 371654 UGLY BROWN BUILDING.GPJ - v8_07. RSK Environment Ltd, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT. Tel: 01442 437500, Fax: 01442 437550, Web: www.rsk.co.uk. 17764/19 - 16.32 CS1	Date ethod sed:
ਲ ਨੂੰ ਹਿ	

						т						
Drilling Progress and Water Observations												
Date	Time	Borehole Depth (m)	Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)							
l	1	1	l	I	I	H						

General Remarks

- 1. Inspection pit excavated to 1.20m depth through a 300mm diameter cored slab to check for services.
- 2. The borehole was terminated at 1.58m depth due to very dense ground
- 3. On completion the borehole was backfilled with arisings and reinstated with concrete.

All dimensions in metres Scale:	1:25
---------------------------------	------

Concrete coring Plant **Modular Dynamic** Used: (300mm) +Sampling Rig

Ву: Liam Tyler

Drilled

RMiller Logged

Checked

Ву:



							•								
Contract:						Client: The Trustees of the St Pancras Way Block AWindow Sample:									
ι	Jgly Brov	wn E	3ui l d	ling			Unit Trust & Big Lobster Ltd WS0								
Contract Ref:			Start:	11.01.19	Grou	nd Le	vel (m AOD):	National Grid Co-ordinate:	Sheet:						
371654			End:	11.01.19		2	1.74	E:529614.5 N:183786.7		1_	of 1				
Progress		Sam	ples / ٦	Γests	,	5 =			Reduced Level	Depth					
Window Run	Depth	No	Туре	Results		Backfill		Description of Strata			Graphic Legend				
							REINFOR	REINFORCED CONCRETE.							
							One	set of 15 mm steel rebar at 0.065m	21 52	0.22					

Method Used:	(3	crete corii 600mm) + Ilar Dynar	U	ant Modul a sed: Sam l	ır Dyn oling F	amic Rig	All dimensions in metres Scale: Drilled Logged MMcCann By: ???	1:25 Checke	ed	
Date	Drilling Time	Borehole		Observations Borehole Diameter (mm)	Water Depth (m)		General Remarks			
- - - -	- - - - -							- - - - -	- - - -	
- - - -	- - - -							- - - -	- - - -	
-	- - - -							- - - -	- - -	
-	- - - -							-	-	
-	- - - -							- - - -	- - -	
-	- - - -							-	-	
-	- - -							-	-	
-	- - -						depth, and three sets of 10 mm steel rebar at 0.065m depth, and three sets of 10 mm steel rebar at 0.08, 0.17 and 0.19m depth. Concrete core complete at 0.22m depth.	21.52	0.22	
Window		Depth	No Typ		Water	Backfill	Description of Strata REINFORCED CONCRETE.	Reduced	Depth (Thick ness)	Ma Gra Le

	Drilling Progre	ss and W	ater Ob	servations	s	General Remarks						
Date	Time D		Casing Depth (m)	Borehole Diameter (mm)	Water Depth (m)		Gen	ierai	Remarks			
		(111)	(111)	(11111)	(11)							
,												
						All dimensi	ions in metres	;	Scale:	1:25		
Method Used:	Concrete (_	Plant Used		ılar Dynamid npling Rig	Drilled By:	???	Logge By:	ed MMcCann	Checked By:	AGS	
	Modular D	ynamic			.					•	· -	



SPT Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005

Nell Burrows

Southern Testing Laboratories

Unit 11

Charlwoods Road East Grinstead

RH19 2HU

SPT Hammer Ref: GEH3

I ridilities rest. Ges

Test Date: 02/02/2018

Report Date: 02/02/2018

File Name:

GEH3.spt

Test Operator:

NPB

Instrumented Rod Data

Diameter d_r (mm):

54

Wall Thickness t_r (mm):

6.0

Assumed Modulus Ea (GPa): 200

Accelerometer No.1:

Accelerometer No.2:

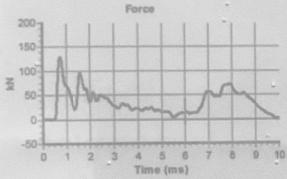
SPT Hammer Information

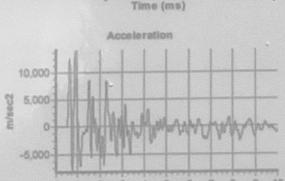
Hammer Mass m (kg): 64.5

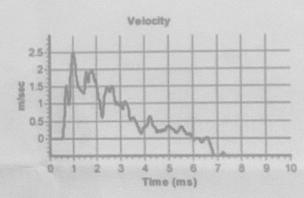
Falling Height h (mm): 750

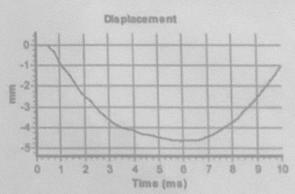
SPT String Length L (m): 14.5

Comments / Location









Calculations

Area of Rod A (mm2):

905

Theoretical Energy Etheor (J):

473

Time (ms)

Measured Energy E_{meas} (J):

: 223

Energy Ratio E, (%):

47

The recommended calibration interval is 12 months

Signed: N P Burrows

Title:

Field Operations Manager

Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005



Dynamic sampling uk Itd 5-8 victory parkway victory road Derby **DE24 8ZF**

Hammer Ref:

100.68

Test Date:

07/03/2018

Report Date:

09/03/2018

File Name:

100.68.spt

Test Operator:

TP

Instrumented Rod Data

Diameter d_r (mm):

54

Wall Thickness t_r (mm):

6.9

Assumed Modulus Ea (GPa): 208

Accelerometer No.1:

6455

Accelerometer No.2:

6457

Hammer Information

Hammer Mass m (kg):

Falling Height h (mm):

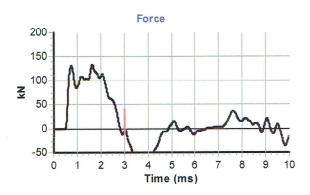
String Length L (m):

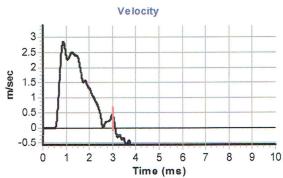
760 15.0

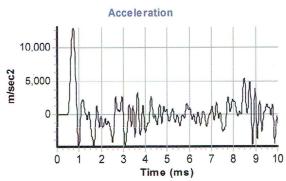
63.5

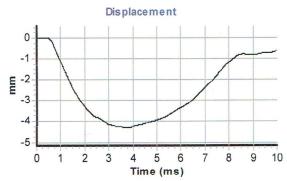
Comments / Location

Modular rig tested at Dynamic samplings









Calculations

Area of Rod A (mm2):

1021

Theoretical Energy E_{theor} (J):

473

Measured Energy E_{meas}

370

Energy Ratio E_r (%):

78

Signed: T.parker.

Title:

Associate Director.

The recommended calibration interval is 12 months