

CONCEPT SITE INVESTIGATIONS

8 Warple Mews, Warple Way
London W3 0RF
Telephone: 020 8811 2880_Fax: 020 8811 2881
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Borehole No

BH02

Project

11 Templewood Avenue, London NW3

Job No 11/2397	Date Started 28/07/11 Date Completed 29/07/11	Ground Level (mOD) 105.01	Co-Ordinates E 525785.4 N 186155.3	Final Depth 14.70m
Client Mr & Mrs Antony Fobel			Method/ Plant Used Cable Percussion	Sheet 2 of 2

PROGRESS			STRATA				SAMPLES & TESTS			Field Records	Instrument/ Backfill
Date	Casing	Water	Level (mOD)	Legend	Depth (Thickness)	Strata Description	Depth (m)	Type No	Test Result		
29/07/11	7.50	Dry				... with pyrite nodule (60x50mm) and dark brown staining between 7.90m - 8.00m	8.35 8.35-8.80	D33 U34	50 blows		
						... becoming very soft (foamy) between 8.60m - 8.80m	8.85 8.85-9.30	D35 U36	47 blows		
						... becoming stiff below 8.70m					
29/07/11	9.00	Dry				... with brown and yellowish brown staining between 9.25m - 9.90m	9.35 9.35-9.80	D37 U38	65 blows		
29/07/11	7.50	Damp			(9.60)	... with rare pockets of dark grey fine silty sand (20x10mm) at 9.95m	9.85 9.85-10.30	D39 U40	89 blows		
						... with rare pockets of black carbonaceous material (5x5mm) at 10.90m	10.35 10.35-10.80	D41 U42	93 blows		
						... with rare shell fragments below 11.05m	10.85 10.85-11.30	D43 U44	65 blows		
						... with brown staining below 11.25m	11.35 11.35-11.80	D45 U46	100 blows		
						... with pocket of soft, grey stained brown clay (40x30mm) between 11.35m - 11.45m	11.85 11.85-12.30	D47 U48	74 blows		
29/07/11	10.50	Damp				... with a band of grey fine sand (20mm thick) at 12.15m	12.35 12.35-12.80	D49 U50	100 blows		
						... with rare lignite fragments at 12.85m and occasional pockets of green glauconite sandy silt (20x2mm) between 13.00m - 13.15m	12.85 12.85-13.30	D51 U52	100 blows	78% Recovery	
							13.35 13.35-13.70	D53 U54	100 blows		
							13.75 13.75-14.00	D55 U56	100 blows		
						... with pockets of brown sand (40x30mm) below 13.95m	14.05 14.05-14.55	D57 U58		No Recovery	
29/07/11	13.50	Damp	90.31		14.70	End of Borehole					

Chiselling (m)			Water Added (m)		GENERAL REMARKS
From	To	Hours	From	To	

Issue No. 02

Driller LR



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Borehole No

BH03

Project

11 Templewood Avenue, London NW3

Job No
11/2397

Date Started 01/08/11
Date Completed 03/08/11

Ground Level (mOD)
104.52

Co-Ordinates
E 525778.7 N 186147.4

Final Depth
25.00m

Client

Mr & Mrs Antony Fobel

Method/
Plant Used **Cable Percussion**

Sheet
1 of 4

PROGRESS			STRATA				SAMPLES & TESTS			Field Records	Instrument/ Backfill
Date	Casing	Water	Level (mOD)	Legend	Depth (Thickness)	Strata Description	Depth (m)	Type No	Test Result		
01/08/11		Dry	104.40		0.12	Brick paving (0.07m) over brown SAND. (MADE GROUND)	0.30	B01			
			104.32		0.20 (0.45)	GRAVEL TYPE 1. (MADE GROUND)	0.30	ES02			
			103.87		0.65	Soft, dark brown sandy CLAY with frequent brick and concrete fragments. (MADE GROUND)	0.90	B03			
					(1.05)	... becoming dark greyish brown with occasional brick and concrete fragments and slight organic odour at 0.30m	0.90	ES04			
						Soft, grey mottled brown silty sandy CLAY. (MADE GROUND)	1.20-1.65	U05	31 blows		
01/08/11	1.60	Dry	102.82		1.70	... with brick fragments between 1.20m and 1.70m	1.70	D06			
						Soft to firm, brown mottled grey silty slightly sandy CLAY.	1.70-2.15	U07	33 blows		
						... with pockets of greenish grey fine sand (20x10mm) at 2.10m	2.20	D08			
							2.20-2.65	U09	32 blows		
01/08/11	1.60	Damp				... with occasional pockets of black carbonaceous material (10x10mm) and orangish brown fine sand ((30x30mm) below 2.70m	2.70	D10			
						... becoming sandy below 2.90m	2.70-3.15	U11	31 blows		
01/08/11	3.10	Dry			(3.30)	... with closely spaced bands of light grey sandy clay below 3.70m	3.10	D12			
							3.20	U13	30 blows		
							3.20-3.65	D14			
							3.70	U15	36 blows		
							3.70-4.15	D16			
							4.20	U17	33 blows		
							4.20-4.65	D18			
01/08/11	4.50	Dry				... with a band of yellowish brown fine sand (20mm thick) at 4.35m	4.70	D19			
			99.52		5.00		4.70-5.15	U19	37 blows		
01/08/11	4.50	Dry				Soft to firm, grey slightly sandy CLAY with very closely spaced partings of light grey locally stained yellow fine sand and rare dark grey pockets (10x30mm).	5.20	D20			
						(CLAYGATE MEMBER: LONDON CLAY FORMATION)	5.20-5.65	U21	35 blows		
01/08/11	4.50					... with pyrite nodule (80x40mm) at 5.30m and lenses of grey fine sand below 5.40m	5.70	D22			
						... with a band of grey mottled dark grey fine sand (25mm thick) at 5.90m	5.70-6.15	U23	49 blows		
							6.20	D24			
							6.20-6.65	U25	46 blows		
							6.70	D26			
							6.70-7.15	U27	60 blows		
							7.20	D28			
							7.20-7.65	U29	38 blows		
							7.70	D30			
							7.70-8.15	U31	43 blows		
						... becoming soft between 7.85m - 8.00m					

Chiselling (m)			Water Added (m)		GENERAL REMARKS
From	To	Hours	From	To	
					1. An inspection pit was hand excavated to 1.20m below ground level, prior to boring commencing.
					2. Ø200mm casing used from ground level to 6.00m depth and then casing was reduced to Ø150mm up to 16.50m depth.
					3. 2 No water seepages encountered at 5.50m and 9.00m below ground level. Constant water seepage throughout drilling.
					4. Ø50mm monitoring well installed at 15.00m depth, slotted between 1.00m and 15.00m depth.
					5. Borehole backfilled with cement / bentonite grout from 25.00m to 16.00m, bentonite pellets from 16.00m to 15.00m, pea shingle with geosock from 15.00m to 1.00m, bentonite pellets from 1.00m to 0.20m. Concrete with stopcock cover installed from 0.20m to ground level.

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Borehole No

BH03

Project

11 Templewood Avenue, London NW3

Job No 11/2397	Date Started 01/08/11 Date Completed 03/08/11	Ground Level (mOD) 104.52	Co-Ordinates E 525778.7 N 186147.4	Final Depth 25.00m
Client Mr & Mrs Antony Fobel			Method/ Plant Used Cable Percussion	Sheet 2 of 4

PROGRESS			STRATA				SAMPLES & TESTS			Field Records	Instrument/ Backfill
Date	Casing	Water	Level (mOD)	Legend	Depth (Thickness)	Strata Description	Depth (m)	Type No	Test Result		
01/08/11	6.00					... with 45° planar, unpolished surface at 8.05m and brown staining between 8.10m - 8.15m	8.20 8.20-8.65	D32 U33	55 blows		
						... with pyrite nodule (70x50mm) at 8.65m	8.70 8.70-9.15	D34 U35	63 blows		
							9.20 9.20-9.65	D36 U37	49 blows		
							9.70 9.70-10.15	D38 U39	64 blows		
							10.20 10.20-10.65	D40 U41	65 blows		
							10.70	D42			
						... with shell debris below 10.80m					
01/08/11	6.00						11.20-11.65	U43	75 blows		
02/08/11	11.00	Damp 8.80				... with a band of brown sand (30mm thick) and rare bioturbation below 11.30m	11.70 11.70-12.15	D44 U45	78 blows		
							12.20 12.20-12.65	D46 U47	72 blows		
					(14.60)	... becoming soft between 12.23m - 12.36m					
						... with pockets of brown and dark grey fine sand (10x15mm) below 12.50m	12.70 12.70-13.15	D48 U49	79 blows		
02/08/11	12.00					... becoming firm to stiff with occasional pockets of dark grey silt (35x25mm) and rare pockets of brown fine sand (30x20mm) below 13.00m	13.20 13.20-13.65	D50 U51	68 blows		
							13.70 13.70-14.15	D52 U53	57 blows		
							14.20 14.20-14.65	D54 U55	60 blows		
						... with rare pockets of light brown sand (40x15mm) below 14.60m	14.70 14.70-15.15	D56 U57	55 blows		
						... becoming thinly laminated between 14.90m - 15.05m	15.20 15.20-15.65	D58 U59	59 blows		
						... with frequent pockets of light brown fine sand (55x35mm) below 15.10m					
02/08/11	13.50					... becoming very closely fissured below 15.70m	15.70 15.70-16.15	D60 U61	63 blows		

Chiselling (m)			Water Added (m)		GENERAL REMARKS
From	To	Hours	From	To	

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