



Key:

-  Borehole Location
-  Trial Pit Location

Ground and Cellar Floor Plan

Plan taken from Opera Architects' 'Existing Set: Ground Floor/Cellar' (Drg No. 17_27//1 Rev.02)

Project: 71 Goldhurst Terrace, London NW6 3HA

Title: Borehole & Trial Pit Location Plan

Figure: GI-01



Date: February 2018

Checked: HB

Approved: KRG

Scale: NTS

Excavation Method Drive-in Windowless Sampler	Dimensions	Ground Level (mOD)	Client Mr J Parihar	Job Number 18672
	Location Front Parking Area of No.71	Dates 07/02/2018	Engineer Green Structural Engineering Ltd	Sheet 1/2

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					0.05 (0.10)	CONCRETE PAVING SLABS		
					0.15 (0.10)	SAND BEDDING		
					0.25	BRICK RUBBLE		
0.50-0.60	D1				(0.45)	MADE GROUND: Soft to firm, dark brown, slightly sandy, slightly gravelly CLAY. Gravel consists of brick fragments (<10mm) with occasional slate (<55mm) and rare flint (<5mm). Also contains occasional half bricks. Dead roots (1mm thick) and rootlets.		
0.80-0.90	D2				0.70 (0.30)	Soft to firm, brown to light brown with some grey and orange mottling, slightly gravelly CLAY. Gravel consists of flint (<15mm). Clay has a 'chewed up' appearance, with occasional polished, gleyed shear surfaces. Decaying roots (<1mm) with grey discoloration to the surrounding clay. (HEAD/SOLIFLUCTED LONDON CLAY) Transition to...		
1.00-1.45 1.00	SPT N=6 D3		1,1/1,2,1,2		1.00	Firm becoming stiff with depth, brown and grey mottled CLAY. Decaying roots, with grey discoloration to surrounding clay. (WEATHERED LONDON CLAY) At 1.00 - 1.20m: Soft to firm.		
1.35-1.40	D4		PP@1.30m=1.9, 1.8, 1.6 PP@1.40m=2.2, 1.8, 2.0					
1.55-1.60	D5		PP@1.70m=2.2, 2.5, 2.2			Below 1.60m: Occasional fine sand partings. At 1.60 - 1.70m: Brown mottled orange, with very rare flint gravel.		
1.80-1.90	D6		PP@1.95m=2.1, 2.3, 2.1		(1.50)			
			PP@2.10m=2.0, 2.2, 2.4					
2.30-2.40	D7		PP@2.40m=2.2, 2.3, 2.4		2.50	At 2.15m: Fine to medium, orange and yellow sand parting (20mm thick). Below 2.20m: Mid-brown to orange brown, with blue-grey staining on/around fissures. Below 2.35m: Closely fissured, with white fine sand on fissure surfaces.		
2.70-2.80	D8		PP@2.65m=2.6, 2.4, 2.6 PP@2.80m=2.9, 2.8, 3.3			Stiff becoming very stiff with depth, fissured, brown to orange brown CLAY, with partings of fine sand and pockets of selenite crystals. Preferred horizontal alignment of clay minerals. Fissures closely spaced. Decaying rootlets to 5.70m, with blue-grey discoloration to the surrounding clay. (WEATHERED LONDON CLAY) Between 2.50 - 3.40m: White fine sand present on fissure surfaces.		
3.00-3.45	SPT N=12		1,2/2,3,3,4 PP@3.20m=3.2, 3.0, 3.1			Between 3.40 - 3.70m: Abundant selenite crystals		
3.30-3.40	D9							
3.50-3.60	D10		PP@3.50m=3.0, 3.5, 3.3					
3.70-3.80	D11		PP@3.90m=4.1, 4.1, 3.9			At 3.65m: Fine to medium yellow sand parting (50mm thick) Between 3.70 - 3.90m: Abundant decaying rootlets with gleying in surrounding clay.		
4.00-4.45	SPT N=15		2,2/3,4,4,4 PP@4.10m=3.7, 3.7, 3.6			Below 4.00m: Mid-brown with rare blue-grey staining on/around fissures.		
4.20-4.35	D12		PP@4.50m=3.5, 3.6, 3.9		(3.50)	Pockets of selenite crystals, concentrated at 4.20m, 4.45m, 4.65m, 4.80m, 5.48m and 5.74m. At 4.50m: Decaying root (2mm in diameter)		
4.75-4.85	D13		PP@4.90m=4.5, 4.6, 4.3					

Remarks PP = Pocket Penetrometer Readings (kPa) 1. Hand dug inspection pit to 1.00m bgl. 2. No live roots observed but dead roots observed to 5.70m bgl. 3. No groundwater entry occurred. 4. Borehole 'dry' and open on completion. 5. Standpipe installed to 4.00m bgl: Slotted pipe with pea gravel response zone = 4.00 - 1.00m, plain pipe 1.00m to ground level (GL), and bentonite seal above 1.00m. Stopcock cover at surface.	Scale (approx)	Logged By
	1:25	HB
	Figure No. GI-02	



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Site
71 Goldhurst Terrace, London NW6 3HA
Number
1

Excavation Method Drive-in Windowless Sampler	Dimensions	Ground Level (mOD)	Client Mr J Parihar	Job Number 18672
	Location Front Parking Area of No.71	Dates 07/02/2018	Engineer Green Structural Engineering Ltd	Sheet 2/2

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
5.00-5.10	D14		PP@5.10m=4.3, 4.5, 4.2			Continued from Sheet 1		
			PP@5.50m=4.4, 4.7, 4.7					
5.96-6.00 6.00-6.45	D15 SPT N=18		PP@5.90m=4.5, 3.5, 3.6 2,2/3,5,5,5		6.00	Complete at 6.00m		

Remarks See Sheet 1	Scale (approx) 1:25	Logged By HB
	Figure No. GI-02	