

APPENDIX

Borehole Records

Trial Pit Records

Laboratory Geotechnical Test Results

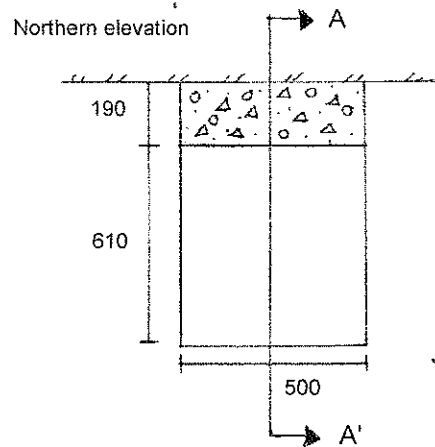
Site Plan

 Geotechnical & Environmental Associates		Tyttenhanger House Coursers Road St Albans AL4 0PG		Site 28 Hollycroft Avenue, London, NW3 7QL		Number BH 1			
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mTBM) 9.39		Client Mr Millward		Job Number J11180	
		Location Garden Level		Dates 25/08/2011		Engineer Sinclair Johnston and Partners		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mTBM)	Depth (m) (Thickness)	Description	Legend	Water	
0.30	D1			8.89	(0.50) 0.50	Topsoil / Made Ground (brown mottled orange-brown silty sandy clay with fine rootlets and occasional fragments of ash and brick)			
0.70	D2					Soft becoming firm light brown mottled grey silty CLAY with abundant partings of orange-brown fine sand and occasional selenite crystals. Rootlets noted to a depth of 1.7 m			
1.00	D3								
1.40	D4				(1.50)				
1.90	D5			7.39	2.00				
2.30	D6					Firm light brown mottled grey silty CLAY with abundant partings of orange-brown fine sand			
2.80	D7								
3.50	D8				(2.00)				
4.00	D9			5.39	4.00				
5.00	D10		Water strike(1) at 4.80m.		(1.50)	Light orange-brown mottled grey clayey silty fine SAND		V1	
				3.89	5.50				
6.50	D11				(1.20)	Firm light brown mottled grey silty CLAY with abundant partings of orange-brown fine sand and occasional selenite crystals			
6.70	D12			2.69	6.70 (0.30)				
				2.39	7.00	Dark grey clayey silty fine SAND			
						Complete at 7.00m			
Remarks A standpipe was installed to a depth of 6.0 m Groundwater was measured at a depth of 4.52 m on 31/08/2011 and at a depth of 4.53 m on 08/09/2011							Scale (approx)	Logged By	
							1:50	HD	
							Figure No. J11180.BH 1		

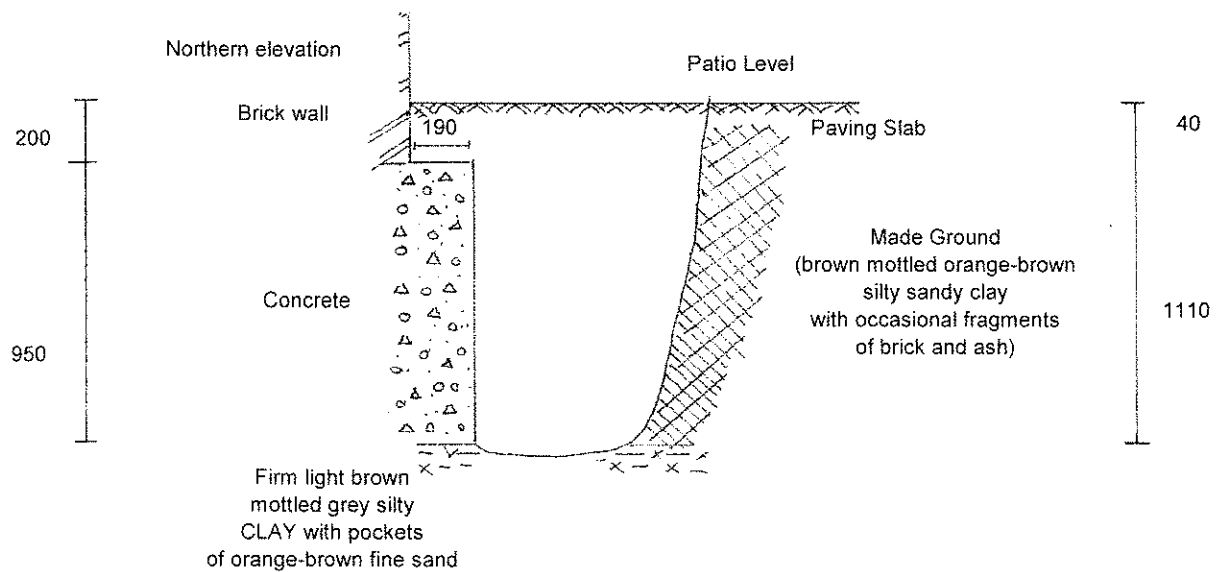
 Geotechnical & Environmental Associates		Tyttenhanger House Coursers Road St Albans AL4 0PG		Site 28 Hollycroft Avenue, London, NW3 7QL		Number BH 2			
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mTBM) 10.58		Client Mr Millward		Job Number J11180	
		Location Patio Level		Dates 25/08/2011		Engineer Sinclair Johnston and Partners		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mTBM)	Depth (m) (Thickness)	Description	Legend	Water	
0.90	D1				(1.70)	Made Ground (greyish brown silty sandy gravelly clay with occasional fragments of brick, concrete, ash and charcoal)			
1.20	D2								
1.80	D3			8.88	1.70	Soft becoming firm light brown mottled grey silty CLAY with abundant partings of orange-brown fine sand			
2.50	D4				(1.30)				
				7.58	3.00	Complete at 3.00m			
Remarks Groundwater not encountered during drilling Borehole advanced through base of Trial Pit No 2 from a depth of 1.0 m to 3.0 m						Scale (approx) 1:50		Logged By HD	
						Figure No. J11180.BH 2			

GEA Geotechnical & Environmental Associates		Tyttenhanger House Coursers Road St Albans Herts AL4 0PG	Site 28 Hollycroft Avenue, London, NW3 7QL	Trial Pit Number 1
Excavation Method Manual	Dimensions 800 x 500 x 1200	Ground Level 10.58 m TBM	Client Mr Millward	Job Number J11180
	Location	Dates 25/08/2011	Engineer Sinclair Johnston and Partners	Sheet 1/4

PLAN



SECTION A - A'



Remarks:

All dimensions in millimetres

Groundwater perched around footing

Scale:

1:20

Logged by:

HD



Geotechnical &
Environmental
Associates

Tytenhanger House
Coursers Road
St Albans
Herts AL4 0PG

Site

28 Hollycroft Avenue, London, NW3 7QL

**Trial Pit
Number**

3

Excavation Method
Manual

Dimensions
400 x 250 x 300

Ground Level
9.82 m TBM

Client
Mr Millward

**Job
Number**
J11180

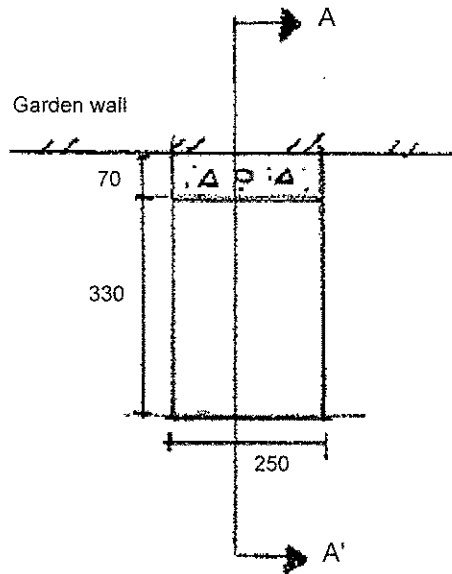
Location

Dates
25/08/2011

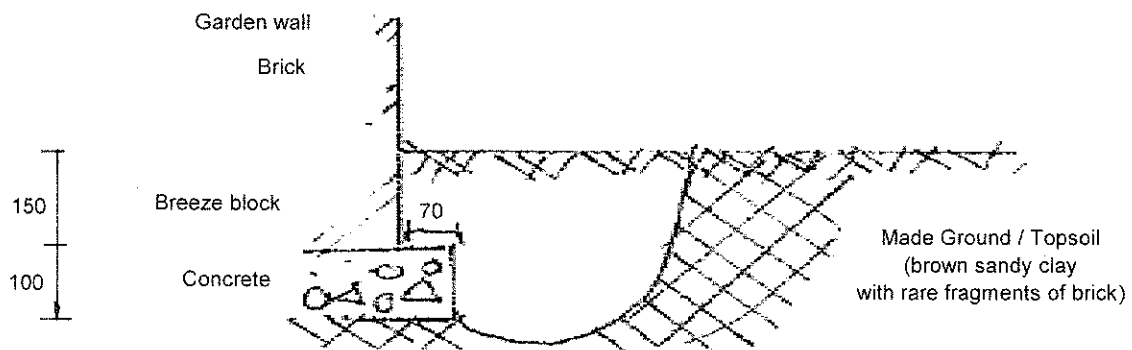
Engineer
Sinclair Johnston and Partners Limited

Sheet
3/4

PLAN



SECTION A - A'



Remarks:

All dimensions in millimetres

Scale:

1:10

Logged by:

HD

BS1377 : Part 2 : Clause 9 : 1990
Determination of Particle Size Distribution

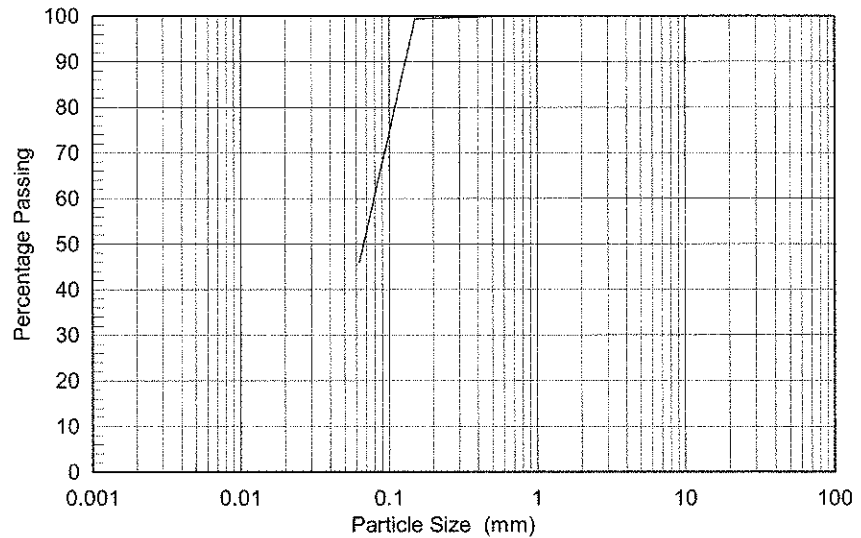
Borehole Number: BH1
 Depth (m): 6.70

Description:
 Grey silty very fine sandy CLAY

BS1377 : Part 2 : Clause 9.2 : 1990 Wet Sieving Method

SIEVE	
Sieve	% pass
200 mm	100
125 mm	100
90 mm	100
75 mm	100
63 mm	100
50 mm	100
37.5 mm	100
28 mm	100
20 mm	100
14 mm	100
10 mm	100
6.3 mm	100
5 mm	100
3.35 mm	100
2 mm	100
1.18 mm	100
600 µm	100
425 µm	100
300 µm	100
212 µm	100
150 µm	99
63 µm	46

CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	



Particle Proportions	
Cobbles	0.0 %
Gravel	0.0 %
Sand	54.2 %
Silt & Clay	45.8 %

Checked and
 Approved
 Initials:
SB
 Date: 24/09/2011

Project Number:

GEO / 17355

Project Name:

28 HOLLYCROFT AVENUE

Job No: J11180



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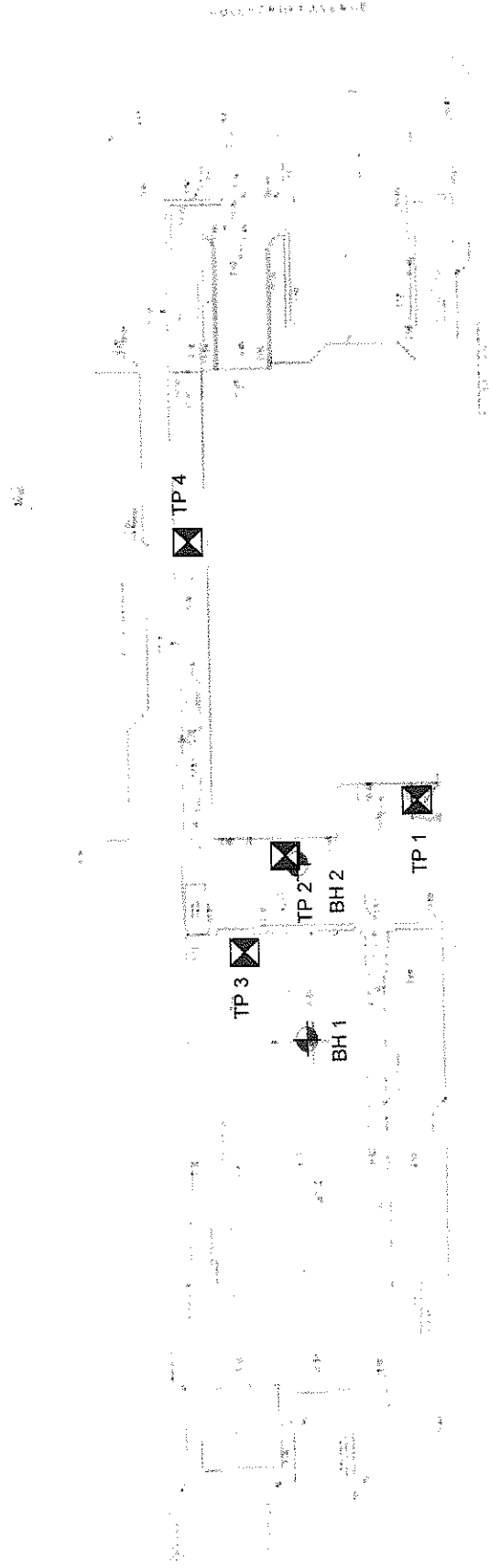
Site 28 Hollycroft Avenue, London, NW3 7QL

Client Mr Milward

Engineer Sinclair Johnston and Partners

Job Number
J11180

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Approximate Scale in metres