FACTUAL REPORT OF TRIAL PIT & BOREHOLE INVESTIGATION

DATE: 15-04-2014.

SITE: 22, Seymour Walk, London. SW10 9NF.

FOR: Richard F Gill & Associates.

REF:

BY
SOILTECH SURVEYS
FOUNDATION INVESTIGATION & TEST DRILLING
UNIT 10, REEDS FARM ESTATE,
ROXWELL ROAD,
WRITTLE, CHELMSFORD,
CM1 3ST
E-mail: sarkley@btinternet.com
Remarks:
Tree identification not authenticated.

Key:
TP = Trial Pit
BH = Borehole
H = Approximate Height
G = Gulley
SVP = Soil vent pipe
IC = Inspection chamber
IL = Invert level
RWP = Rain water pipe
MAIN HOUSE FOUNDATION

CONCRETE FOUNDATION

CONCRETE

RENDER

LIGHTWELL GROUND LEVEL

MADE GROUND loose sand and ballast with pieces of brick and concrete rubble.

MADE GROUND - WHOLE BRICKS

Loose to medium dense, moist light brown orange SAND.

FOR STRATA BELOW 700mm SEE BH LOG

Remarks:

Key:
D = Small Disturbed sample
U = Undisturbed sample
SPT = Standard Penetration Test
M = Mackintosh Probe Penetration Test
V = Pileon Shear Vane Test

W = Water sample
B = Bulk sample

Richard F Gill & Associates

22 Seymour Walk
London SW10

Tel/Fax: 01245 496389
### Soiltech Surveys

Foundation Investigation & Test Drilling  
Tel/Fax: 01245 496389

**Borehole No: 1**  
Ref No:

**Boring Method:** Hand tools  
**Date:** 15.04.14

**Client:** Richard F Gill & Associates  
**Site:** 22 Seymour Walk  
London SW10

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Description</th>
<th>Thickness (m)</th>
<th>Legend</th>
<th>Samples Type</th>
<th>In-situ tests Type</th>
<th>Field comments</th>
<th>Insitu tests Depth</th>
<th>Field comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7</td>
<td>AS TRIAL PIT ONE.</td>
<td>0.7</td>
<td>D 1.0</td>
<td>M 10</td>
<td></td>
<td>No roots observed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.0</td>
<td>Medium dense moist light brown orange clayey SAND.</td>
<td>0.3</td>
<td>D 1.5</td>
<td>M 50(30mm)</td>
<td></td>
<td>Slight moisture</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>1.4</td>
<td>Loose moist light brown orange clayey silty SAND.</td>
<td>0.4</td>
<td>D 2.0</td>
<td>M 46</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3</td>
<td>Medium dense moist orange gravelly SAND.</td>
<td>0.9</td>
<td>D 2.5</td>
<td>M 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.7</td>
<td>Soft moist light brown orange very silty sandy CLAY.</td>
<td>0.4</td>
<td>D 3.0</td>
<td>M 17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2</td>
<td>Loose moist light brown SAND.</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Soft moist light brown orange very silty sandy CLAY with layers of sand.</td>
<td>1.3</td>
<td>D 4.0</td>
<td>M 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td>Soft to firm moist mid brown very silty sandy CLAY.</td>
<td>0.5</td>
<td>D 5.0</td>
<td>M 40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:** BH collapsing from 1.4m.  
Standing water 4.6m below ground level on completion.

**Key:**  
D = Small Disturbed sample  
V = Pilcon Vane Test  
B = Bulk sample  
W = Water sample  
U = Undisturbed sample  
S.P.T. = Standard Penetration Test  
M = Mackintosh Probe Penetration Test

**Hand tools**
Trial Pit No: 2

Not to scale

Date: 15.04.14

Site: 22 Seymour Walk
London
SW10

Client: Richard F Gill & Associates

Soiltech Surveys
Foundation Investigation & Test Drilling
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REAR BOUNDARY WALL

RAISED BED LEVEL

MADE GROUND
loose dark brown gravelly, sandy clayey clay with pieces of china glass, brick rubble, bone and shell.
Numerous roots of live appearance to 10mm Ø.

MADE GROUND
loose mid brown gravelly-silty sand with pieces of brick rubble.
Several roots of live appearance to 2mm Ø.

MADE GROUND
loose dark brown gravelly, sandy clayey clay with pieces of china glass, brick rubble, bone and shell.
Numerous roots of live appearance to 10mm Ø.

TRIAL PIT EXCAVATED TO 1500mm

Key:
D = Small Disturbed sample
U = Undisturbed sample
SPT = Standard Penetration Test
M = Mackintosh Probe Penetration Test
V = Pilcon Shear Vane Test

Remarks:

D   M  10
10 50(50mm)
50(10mm)
Trial Pit No: 3

Remarks:

Not to scale

Key:
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W = Water sample  
U = Undisturbed sample  
B = Bulk sample  
SPT = Standard Penetration Test  
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V = Pileon Shear Vane Test

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SIDE BOUNDARY WALL

REAR PATIO LEVEL

YORK STONE PAVING

SAND & CEMENT

MADE GROUND loose dark brown, topsoil sandy silt, with pieces of stone, glass, bone, brick rubble and shell. Several roots of live appearance to 20mm Ø.

MADE GROUND loose dark brown, gravelly silty sand with pieces of brick rubble. Several roots of live appearance to 2mm Ø.

Medium dense light brown, gravelly sand.
SOIL INVESTIGATION PHOTO SHEET.
SITE: 22, Seymour Walk, London. SW10 9NF.
DATE: 15th April 2014.
CLIENT: Richard F Gill & Associates.
REF:

Trial pit 1

Trial pit 1

Trial pit 1

Borehole 1

Trial pit 2

Trial pit 3
REPORT NOTES

**Equipment Used:**
Hand tools, mechanical concrete breaker & spade, hand augers and 100mm diameter open bored continuous flight auger (access permitting)

**Insitu tests:**
By Pilcon hand shear vane tester (kN/m²) in clay soils, and or Mackintosh probe penetration test (blows per 75mm) in granular soil or made ground.

**Soil description:**
Soil descriptions are on-site descriptions only.

**Tree roots:**
Tree roots relate to tree roots observed in trial pits and boreholes only.

**Note:**
Details reported in trial pits and boreholes relate to positions investigated only, as instructed by the client, on the date shown only. We therefore do not accept any responsibility for changes in soil conditions not investigated any variations due to climate, seasons, vegetation and varying ground water levels.

Full terms and conditions are available upon request.

By
SOILTECH SURVEYS
FOUNDATION INVESTIGATION AND TEST DRILLING.
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