

Appendix H

Earth Science Partnership						Project Name: Proposed Residential Development.		Drilling method Windowless Sampling.		WS201								
Consulting Engineers Geologists Environmental Scientists						Site Location: Ty Mawr, Pontardawe.		Equipment Terrier.										
Start date: 01/12/2022		Driller: SGT.		Client: Pobl Group.		Ground Level: 32.00 mOD												
End date: 01/12/2022		Logged by: ESP-DT.		Project No: 8293.02		Easting: 272254 m		Northing: 203636 m										
Backfill date: 01/12/2022		Date logged: 01/12/2022																
Depth	Sample		Test Details		TCR (%)	Water Depth	Casing Depth	Strata Details		Water Strikes/ Standing	Depth		Backfill/ Install-ations					
	Type	Class	Type	Result				Description	Legend		Depth (Thickness)	mOD						
0.60	ES							Grass surface overlying: soft brown slightly sandy CLAY with frequent rootlets. Likely placed Topsoil. (MADE GROUND).			(0.40)							
								Light grey sandy slightly silty fine-medium angular GRAVEL of concrete and rare possible fine-medium angular slag. (MADE GROUND).			0.40 (0.10)	31.60						
1.20	D		SPT-C	12 (2,1/2,3,4,3)				Medium dense dark grey very sandy fine to coarse angular GRAVEL with a medium angular cobble content. Gravel comprises largely brick, concrete, slag, sandstone, mudstone and possible clinker. Cobbles noted to be brick and concrete with occasional slag. (MADE GROUND).			0.50	31.50						
1.50	ES										1 (1.20)							
			SPT-C	50 (25 for 10mm/50 for 10mm)				End of Borehole at 1.700m			1.70	30.30						
Progress & Standing Water Levels				Water Strikes				Chiselling			Hole Diameter		Casing Diameter					
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks

1. Grid reference approximate only, obtained from available online information.

2. Ground level interpolated from topographical plan provided by Client (dwg ref: N331 / A005).

3. No groundwater encountered to base.

4. Hole backfilled to 1.3m depth on completion, prior to installation.

5. Borehole installed with gas & groundwater monitoring well on completion (response zone 0.5 - 1.3m depth).

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Project Name:

Proposed Residential Development.

Site Location:

Ty Mawr, Pontardawe.

Client:

Pobl Group.

Project No:

8293.02

Drilling method

Windowless Sampling.

Equipment

Terrier.

Ground Level:

32.00 mOD

Easting:

272263 m

Northing:

203627 m

Start date:

01/12/2022

End date:

01/12/2022

Backfill date:

01/12/2022

Driller:

SGT.

Logged by:

ESP-DT.

Date logged:

01/12/2022

WS202

Depth	Sample		Test Details		TCR (%)	Water Depth	Casing Depth	Strata Details		Water Strikes/ Standing	Depth		Backfill/ Install- ations
	Type	Class	Type	Result				Description	Legend		Depth (Thickness)	mOD	
0.30	ES							Grass surface overlying: soft brown slightly sandy CLAY with frequent rootlets. Likely placed Topsoil. (MADE GROUND).			(0.40)		
0.50	ES							Medium dense dark grey very sandy fine to coarse angular GRAVEL with a medium angular cobble content. Gravel comprises largely brick, concrete, slag, sandstone, mudstone and possible clinker. Cobbles noted to be brick and concrete with occasional slag. (MADE GROUND).			0.40	31.60	
1.00	D										1		
			SPT-C	6 (1,2/2,2,1,1)							(1.50)		
			SPT-C	50 (5,4/50 for 170mm)									
								End of Borehole at 1.900m			1.90	30.10	

Progress & Standing Water Levels					Water Strikes							Chiselling			Hole Diameter		Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks

1. Grid reference approximate only, obtained from available online information.

2. Ground level interpolated from topographical plan provided by Client (dwg ref: N331 / A005).

3. No groundwater encountered to base.

4. Hole backfilled to 1.7m depth on completion, prior to installation.

5. Borehole installed with gas & groundwater monitoring well on completion (response zone 0.5 - 1.7m depth).

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Project Name:
Proposed Residential Development.
Site Location:
Ty Mawr, Pontardawe.

Client:
Pobl Group.
Project No:
8293.02

Drilling method

Equipment
Terrier.

Ground Level: 32.00 mOD
Easting: 272254 m
Northing: 203621 m

Start date: 01/12/2022
End date: 01/12/2022
Backfill date: 01/12/2022

Driller: SGT.
Logged by: ESP-DT.
Date logged: 01/12/2022

WS203

Depth	Sample		Test Details		TCR (%)	Water Depth	Casing Depth	Strata Details		Water Strikes/ Standing	Depth		Backfill/ Install- ations
	Type	Class	Type	Result				Description	Legend		Depth (Thickness)	mOD	
0.40	ES							Grass surface overlying: soft brown slightly sandy CLAY with frequent rootlets. Likely placed Topsoil. (MADE GROUND).			(0.30)		
								Dark grey and black very gravelly slightly silty Sand with ash throughout. (MADE GROUND).					
0.60	ES							Grey and dargk grey sandy GRAVEL of slag and probable clinker. (MADE GROUND).			0.45 (0.20)	31.55	
								Medium dense dark grey very sandy fine to coarse angular GRAVEL with a medium angular cobble content. Gravel comprises largely brick, concrete, slag, sandstone, mudstone and possible clinker. Cobbles noted to be brick and concrete with occasional slag. (MADE GROUND).				0.65 (0.75)	
1.10	D			SPT-C	49 (2,1/5,6,18,20)			End of Borehole at 1.400m			1.40	30.60	
				SPT-C	50 (5,8/50 for 160mm)								

Progress & Standing Water Levels					Water Strikes							Chiselling			Hole Diameter		Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth

General Remarks

1. Grid reference approximate only, obtained from available online information.

2. Ground level interpolated from topographical plan provided by Client (dwg ref: N331 / A005).

3. No groundwater encountered to base.

4. Hole stayed open to 1.4m depth on completion, prior to installation.

5. Borehole installed with gas & groundwater monitoring well on completion (response zone 0.5 - 1.4m depth).