

Site Investigation Report for land off
Gatewen Road, Wrexham

Appendix 8

Infiltration Test Pit Logs

 Coopers (Chester) Ltd tel: 01244 684 910 web: www.coopers.co.uk email: admin@coopers.co.uk				Site GATEWEN ROAD, WREXHAM		Trial Pit Number ITP01					
Machine : JCB 3CX Method : Mechanical Excavation		Dimensions 2.00 x 0.75 x 1.70m		Ground Level (mOD)		Client Bellway Home North West		Job Number 7791			
		Location (Observed measurements)		Dates 27/05/2021		Engineer Coopers (Chester) Ltd		Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water		
0.80	B				0.20	TOPSOIL. Grass over dark brown, slightly clayey, slightly gravelly, sandy SILT. Sand is fine to coarse. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Contains rootlets throughout.					
					0.40	Orangish brown, slightly gravelly, clayey, fine to coarse SAND. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. *Assumed as loose to medium dense.					
					0.60	Brown, clayey, sub-angular to sub-rounded, fine to coarse SAND and GRAVEL of various lithologies. *Assumed as loose to medium dense.					
					1.10						
					1.70	Complete at 1.70m					
						Remarks Location CAT scanned prior to excavation. Sides starting to collapse at 1.70m during excavation. No groundwater encountered during excavation. *Based upon trenchside stability characteristics. Please note that discolouration of photographs may occur when viewed on screen as a PDF, or when printed as a hard copy. Infiltration test pit was infilled with stone immediately upon completion of excavation. After completion of infiltration tests, the test put was made level and arisings placed on top of this area.					
						Scale (approx) 1:25		Logged By ST		Checked By PRS	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.50	B				(0.20)	TOPSOIL. Grass over dark brown, slightly clayey, slightly gravelly, sandy SILT. Sand is fine to coarse. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Contains rootlets throughout. Firm, reddish brown, slightly gravelly, very sandy CLAY. Sand is fine to medium. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Low cobble content.		
					0.20			
2.50	B				2.40	Brown, slightly clayey, sub-angular to sub-rounded, fine to coarse SAND and GRAVEL of various lithologies. *Assumed as loose to medium dense.		
					(0.15)			
					2.55			
					Complete at 2.55m			

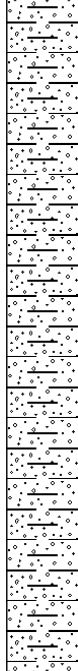


Location CAT scanned prior to excavation.
Sides stable during excavation, minor spalling only.
No groundwater encountered during excavation.
*Based upon trenchside stability characteristics.
Please note that discolouration of photographs may occur when viewed on screen as a PDF, or when printed as a hard copy.
Infiltration test pit was infilled with stone immediately upon completion of excavation.
After completion of infiltration tests, the test pit was made level and arisings placed level on top of this area.

1:25

ST

PRs

 coopers chartered consulting engineers				Coopers (Chester) Ltd tel: 01244 684 910 web: www.coopers.co.uk email: admin@coopers.co.uk				Site GATEWEN ROAD, WREXHAM		Trial Pit Number ITP03	
Machine : JCB 3CX Method : Mechanical Excavation		Dimensions 2.00 x 0.60 x 2.50m		Ground Level (mOD)		Client Bellway Home North West		Job Number 7791			
		Location (Observed measurements)		Dates 27/05/2021		Engineer Coopers (Chester) Ltd		Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water			
0.40	B				(0.25) 0.25	TOPSOIL. Grass over dark brown, slightly clayey, slightly gravelly, sandy SILT. Sand is fine to coarse. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Contains rootlets throughout.					
					(2.25) 2.50	Reddish brown, slightly gravelly, very sandy CLAY with a moderate cobble content. Sand is fine to medium. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies.					
						Complete at 2.50m					



Remarks Location CAT scanned prior to excavation. Sides stable during excavation, minor spalling only. No groundwater encountered during excavation. Please note that discolouration of photographs may occur when viewed on screen as a PDF, or when printed as a hard copy. Infiltration test pit was infilled with stone immediately upon completion of excavation. After completion of infiltration tests, the test pit was made level and arisings placed level on top of this area.		
Scale (approx) 1:25	Logged By ST	Checked By PRS

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.40	B				(0.20) 0.20 (1.60) 1.80	TOPSOIL. Grass over dark brown, slightly clayey, slightly gravelly, sandy SILT. Sand is fine to coarse. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Contains rootlets throughout. Brown, gravelly, very clayey, fine to coarse SAND with a low cobble content. Gravel is sub-angular to sub-rounded, fine to coarse of various lithologies. Assumed as loose to medium dense. Complete at 1.80m		

