

25 October 2024

Our ref: NN1806R01

Chris Slade

Attention: Mr Slade

Dear Sir,

GROUND WATER MONITORING INSTALLATIONS, THE OLD COAL YARD, YAPTON

This letter presents a summary of the ground water well installations undertaken by E3S Consulting Ltd (E3S) on behalf of CGS Civils Ltd (The Client) in relation to a proposed residential development at the above site.

Fieldwork was undertaken on 22 October 2024. The site works consisted of the advancement of two groundwater well installations (BH01 and BH02) advanced to a depth of 4.00m bgl. A borehole location plan is included as **Figure 1** of this report.

The borehole location was set out based on site access and logged by a Geo-Environmental Consultant from E3S. The borehole logs are presented as **Appendix A** of this letter. Groundwater was not encountered within either of the boreholes when dipped post construction.

We trust that the site works undertaken and summary letter meet your current requirements. Should you have any immediate comments of queries please do not hesitate to contact the undersigned.

Kind Regards,

For and on behalf of E3S Consulting Ltd,

Chris Barron BSc (Hons) MEnvSc CGeol FGS

Attachments;

Figure 1 – Site & Borehole Location Plan (1 page)

Appendix A – Borehole Logs (2 Pages)



Drawn	CB		Client: PADWICK BUILDERS LTD		
Approved	JO		Project: GROUNDWATER MONITORING WELL INSTALLATION THE OLD COAL YARD, YAPTON		
Date	25/10/2024		Title: INVESTIGATION LOCATION PLAN		
Scale	NTS		Project no:	NN1806	Figure no: FIGURE 1
Original	A3				Rev: 1

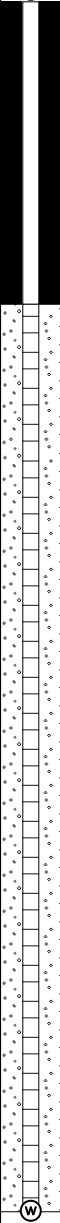
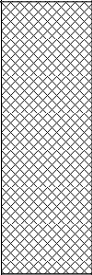
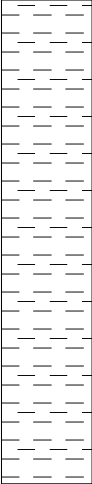
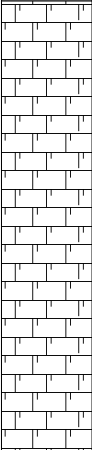
APPENDIX A

BOREHOLE LOGS



BOREHOLE LOG

Project Name: GROUNDWATER MONITORING WELLS		Client: PADWICK BUILDERS LTD		Date: 22/10/2024	
Location: THE OLD YARD, YAPTON		Contractor:			
Project No. : NN1806		Crew Name:		Drilling Equipment:	
Borehole Number BH01	Hole Type BH	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.90			MADE GROUND Black brown gravelly CLAY, gravel is fine to coarse sub rounded to sub angular of brick, flint and chalk fragments.	
								Orange brown slightly silty, slightly gravelly CLAY, gravel is fine to medium, sub angular of chert.	1
					2.50				2
								Off white CHALK.	3
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

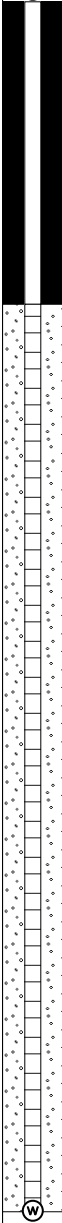
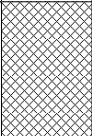
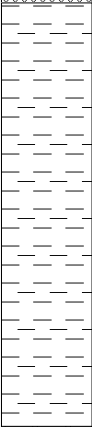
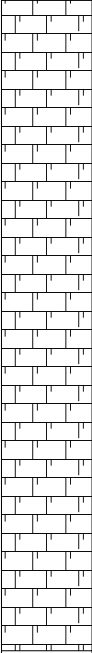
Remarks





BOREHOLE LOG

Project Name: GROUNDWATER MONITORING WELLS		Client: PADWICK BUILDERS LTD		Date: 22/10/2024	
Location: THE OLD YARD, YAPTON		Contractor:			
Project No. : NN1806		Crew Name:		Drilling Equipment:	
Borehole Number BH02	Hole Type BH	Level	Logged By	Scale 1:25	Page Number Sheet 1 of 1

Well Ⓢ	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.45			MADE GROUND Black brown gravelly CLAY, gravel is fine to coarse sub rounded to sub angular of brick, flint and chalk fragments.	
								Orange brown slightly silty, slightly gravelly CLAY, gravel is fine to medium, sub angular of chert.	1
					1.85			Off white CHALK.	2
					4.00			End of Borehole at 4.000m	4
									5

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

