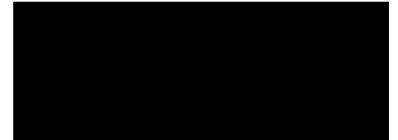


Northdown House
Ashford Road
Harrietsham
Maidstone
Kent, ME17 1QW

B Keogh Construction Limited
Ellingham Yard
Ellingham Way
Ashford
Kent
TN23 6NF



For the attention of Mr B Keogh

Geotechnical Department

Our ref: 1039409

6th December 2019

Dear Sirs,

RE: HAZEL COTTAGE

Further to our attendance at the above site on 21st November 2019 to carry out a single trial pit infiltration test, please find attached the engineer's log for the nominated position TP01.

The infiltration test was carried out in general accordance with BRE 365 "Soakaway design" except that the pit was filled once only from an outside tap and subsequently monitored for over five hours.

Calculations based upon the in situ data indicate that for preliminary design purposes an unfactored infiltration rate of 9.8×10^{-6} m/s may be assumed for the cohesive River Terrace Deposits. However, it should be noted that the pit was filled only once and that additional tests would have resulted in a lower infiltration value. In light of this the value suggested within this letter report should be considered conservatively.

We trust that the attached and the above are of assistance and that you will not hesitate to contact us should you have any queries.

Yours faithfully



Jamie Lott MGeol
Geotechnical Engineer
For and on behalf of CET Infrastructure

Enc. Engineer's log for TP01

Client: B Keogh			Depth (m) 1.10		Plant used: Hand Tools		TRIAL PIT NUMBER TP01 Sheet 1 of 1	
Width (m) 1.10		Length (m) 1.10		Method of Excavation:		Shoring: None		
Co-ordinates		Ground Level (m AOD)		Hand Dug		Date Started: 21/11/2019		
Samples/In Situ Tests			Change of Strata		Description of Strata			Legend
Depth (m)	Type	Test/Field Records	Reduced Level (mAOD)	Depth & (Thickness) (m)				
				(0.25) Firm, dark brown, slightly fine sandy, slightly gravelly CLAY. Gravel is angular to rounded, fine to coarse flint, brick and chalk. 0.25 (Made Ground) (0.30) Firm, brown, slightly gravelly CLAY. Gravel is sub-angular to rounded flint. 0.55 (River Terrace Deposits) (0.55) Firm, orange brown, slightly fine to coarse sandy, slightly gravelly CLAY with low cobble content. Gravel and cobbles are fine to coarse rounded flint. 1.10 (River Terrace Deposits)				
					End of Trial Pit at 1.10m			
General Remarks: 1. Trial pit dug by client. 2. Trial pit remained stable throughout soakaway test. 3. Roots observed to 1.1m below ground level.								
Ref:	1039409		TRIAL PIT RECORD Scale 1:25 See Key Sheet for explanation of symbols, etc.			 INFRASTRUCTURE Giving our all		
Logged:	JL							
						Hazel Cottage		
						FIG A1		