

From: [Robert Pragnell](#)
To: [Bob Bowley](#)
Cc: [Richard Aston](#)
Subject: FW: R18-13193 Draft Infiltration rate and logs
Date: 04 September 2018 17:04:04
Attachments: [R18-13193 DRAFT Logs.pdf](#)
[R18-13193 Draft Site Plan.pdf](#)

Afternoon Rob

Infiltration results attached. Can you turn around your design to clear the Planning Condition as soon as possible.

If you need anything from Croudace or Ashdown then please contact them directly.

Kind Regards

Robert

From: Lucy Griffiths [REDACTED]
Sent: 04 September 2018 16:03
To: Robert Pragnell [REDACTED]
Cc: [REDACTED]
Subject: R18-13193 Draft Infiltration rate and logs

Dear Robert,

I hope this finds you well.

Please find attached draft logs and site plan for the site works recently undertaken at 58 Ferringham Lane, Ferring.

Please find the preliminary calculated infiltration rates derived from the infiltration testing undertaken at the site in the table below.

Exploratory Hole	Test Response Zone Depth (m)		Stratum	Infiltration Rate (f) (m/sec)
	Top	Bottom		
TP01 – Test 1 Trial Pit	0.58	1.00	River Terrace Deposits	1.1×10^{-5}
TP01 – Test 2 Trial Pit	0.60	1.00	River Terrace Deposits	4.3×10^{-6}
TP02 – Test 1 Trial Pit	0.40	0.75	River Terrace Deposits	6.2×10^{-5}
TP02 – Test 1 Trial Pit	0.50	0.75	River Terrace Deposits	7.2×10^{-5}
TP02 – Test 1 Trial Pit	0.55	0.75	River Terrace Deposits	4.8×10^{-5}
				Negligible – the water fell 80mm

WS02 - Borehole	2.00	3.00	River Terrace Deposits	during the test period of 240 minutes
WS03 - Borehole	2.00	3.00	River Terrace Deposits	Negligible – the water fell 80mm during the test period of 180 minutes

The value 'f' is equivalent to the soil infiltration coefficient 'q' quoted in the Construction Industry Research and Information Association (CIRIA) Report 156.

I trust the above is what you required at this stage.

Kind regards,

Lucy Griffiths
Senior Geotechnical Engineer

Ashdown Site Investigation Ltd



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