Little Inside Farm

Percolation Test results

Note:

Three holes were dug, Hole 1, Hole 2 & Hole 3 with readings taken over three consecutive days.

Date of Reading

26/10/20 ——— **Hole 1**
Filled at 1.30pm – dropped by 150mm by 5.30pm

Hole 2
Filled at 1.32pm – dropped by 150mm by 5.20pm

Hole 3
Filled at 1.40pm – dropped by 150mm by 6.00pm

27/10/20 ——— **Hole 1**
Filled at 1.00pm – dropped by 150mm by 5.0pm

Hole 2
Filled at 1.10pm – dropped by 150mm by 5.50pm

Hole 3
Filled at 1:20pm – dropped by 150mm by 5.50pm

28/10/20 ——— **Hole 1**
Filled at 1:00 – dropped by 150mm by 5.00pm

Hole 2
Filled at 1:10pm – dropped by 150mm by 5.00pm

Hole 3 Filled at 1:20pm dropped by 150mm by 6.00pm

Extrapolation of test results.

Hole 1 Time taken to drop 150mm
— 300 mins (day 1)
— 300 mins (day 2)
— 240 mins (day 3)

Average time taken over 3 days is 280 mins
∴ 280 ÷ 150 = 1.9 minutes taken for the fluid to drop 1mm.

Hole 2 Time taken to drop 150mm
— 230 mins ± (day 1)
— 280 mins (day 2)
— 230 mins (day 3)

Average time taken over 3 days is 247 mins
∴ 247 ÷ 150 = 1.6 minutes taken for the fluid to drop 1mm

Hole 3 Time taken to drop 150mm
— 260 mins (day 1)
— 280 mins (day 2)
— 280 mins (day 3)

Average time taken over 3 days is 273 mins
∴ 273 ÷ 150 = 1.8 minutes taken for the fluid to drop 1mm

The percolation tests were carried out in accordance with guidance set out by Water Technology Engineering Ltd and are for determining the suitability of a soakaway / length of drainage fields for a septic tank installation. The test holes measured 300 x 300 x 600mm deep.

The figures are for information only and are to determine the best drainage proposal for the site conditions.

The test results were taken on two dry days and one wet weather day.