JACK ELLIOTT GROUNDWORKS LTD

PERCOLATION TEST SHEET

METHOD from BRE DIGEST 365

- Excavate a soakage trial pit to the required depth (typically 1.0-2.0 m deep) using minimum width (0.3m) and length (1m). Carefully trim sides and bottom.
- Carefully measure size of pit and note sizes below.
- Fill soakage hole briskly with water (from bowser) to at least three quarters full. Being careful not to wash away sides. Note: a 300mm wide, 1 metre long, 1.5 metre deep trench needs at least 350 litres (80 gallons) of water.
- Place straight edge over top of soakage pit and measure (dip) to top of water.
- Record time versus dips in table below. Dip every 5 minutes for first hour then every hour until pit is one quarter full.
- Repeat test 3 times in total on the same or consecutive days.

DETAILS

SITE LOCATION LAND OFF TINGLE BRIDGE LANE HEMMINGFIELD

DATE OF TEST 05/02/20

WEATHER CONDITIONS OVERCAST DRY YES

SIZE OF PIT

LENGTH	WIDTH	DEPTH
1000mm	300mm	1500mm

TIME	DIP	TIME	DIP	TIME	DIP
16:10	250mm	16:50	250mm	17:20	250mm
16:15	1100mm	16:55	900mm	17:25	850mm
16:20	1500mm	17:00	1350mm	17:30	1250mm
		17:05	1500mm	17:35	1500mm