# The Old School.

The Pottery, Culmington, Ludlow, Shropshire. SY82DF. September 2021

# Flood Risk Assessment / Drainage.

Appendix D : Percolation test.

## Percolation test.

#### Stormwater percolation test at The Pottery, Culmington / 17.09.21

Note: Site for test hole shown on proposed site plan as preferred location for soakaway and outside root protection zone for existing trees.

#### 1. Hole dimensions



First hole before test hole taken out of the centre 1000mm x 1000mm x 1000mm

Test hole - 300mm x 300mm x 300mm







#### 2. Nail positions

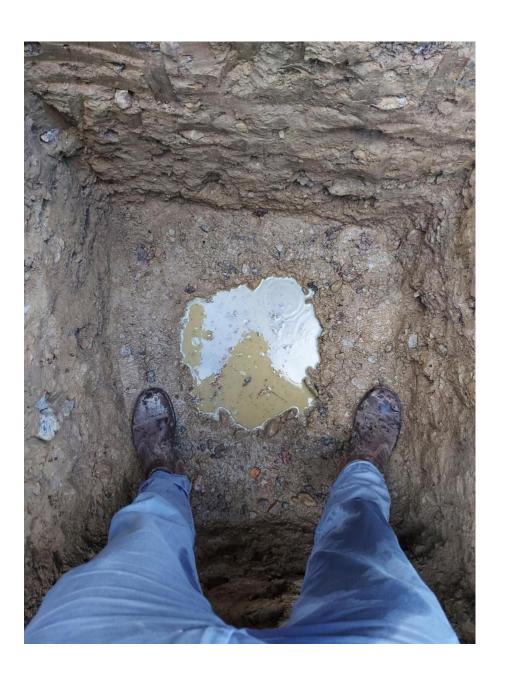


Nail 1 : 75 mm from test hole 'top'



Nail 2: 75mm from test hole 'bottom'

## 3. Test hole first fill at 18.17pm 17/09/2021 (left to drain for 12 hours)



# 4. Typical test : Full.



## Draining to nail 1



## Draining to nail 2.



#### 5. Test Results

Hole first filled and left for 12hours at 18.17pm 17/09/2021

Test	Date	Fill time	Nail 1	Nail 2	Stopwatch	Total seconds	Sec/150
1	18/09/2021	6.50am	7.52am	11.54am	4h1m39s	14499	96.66
2	18/09/2021	12pm	13.25pm	17.28pm	4h2m52s	14572	97.14
3	19/09/2021	9.01am	9.59am	14.00pm	3h59m08s	14348	95.65
							96.48333