

PERCOLATION REPORT

LOCATION:

Whalley Road, Clitheroe

CLIENT:

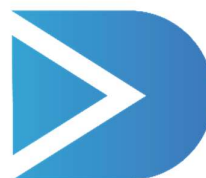
Mr R Howarth

DOCUMENT REF:

25842-PR-001

DATE:

22/06/2026



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ENGINEERING

CONTENTS & AMENDMENT HISTORY

1.0 TESTING REPORT 3

Revision	Description	Date	Author	Checked
A	First Issue	June 2026	O Mountain	A Dyson

TESTING REPORT

1.0 TESTING REPORT

The Percolation Testing was carried out on site on 22nd of June 2026 to establish if infiltration methods were going to be a suitable solution for draining the site.

1 Trial Hole was formed with the following dimensions;

Test Pit 1 1700mm x 1300mm x 110mm deep

The water level drop was monitored and recorded (see test sheets attached).

TEST PIT 1:

For Test 1 (Test Pit 1), water was filled to a depth of 550mm, the water level dropped 0mm after 1 hour of testing.

Calculation sheet 1 shows that the infiltration rates are not high enough and do not satisfy BRE 365 requirements. Therefore, Infiltration methods of drainage will not be viable for this site and strategy.

APPENDICES

Appendix A – Percolation Test Sheet

METHOD (from BRE Digest 365)

- Excavate a soakage trial pit to the required depth (typically 1.0m - 2.0m deep) using minimum width (0.3m) and length (1.0m). 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 the sides. (Note: a 0.3m wide, 1m long, 1.5m deep trench needs at least 350 litres (80 gallons) of water)
- Place straight edge over top of soakage pit and measure (dip) to the top of the water.
- Record time versus dips in table below. Dip every 5 minutes for the first hour and every hour until pit is one quarter full. Repeat test 3 times in total on the same or consecutive days.

DETAILS

Site Location	Whalley Road, Clitheroe
Date of Test	22/06/2026
Weather Conditions	Dry – Spring
Engineer Name	Ollie Mountain

SIZE OF PIT 1

Length	Width	Depth
1.70m	1.30m	1.10m

Test 1

RESULTS

Time (mins)	Dip (mm)	Time (mins)	Dip (mm)
0	550		
5	550		
10	550		
15	550		
20	550		
25	550		
30	550		
35	550		
40	550		
45	550		
50	550		
55	550		
60	550		

Date: 22 June 2026
Ref: 25842/PR/001

Appendix A

Trial Pit 1



Date: 22 June 2026
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Trial Pit 1



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Trial Pit Location



Trial Pit 1 Was
Formed Here.