

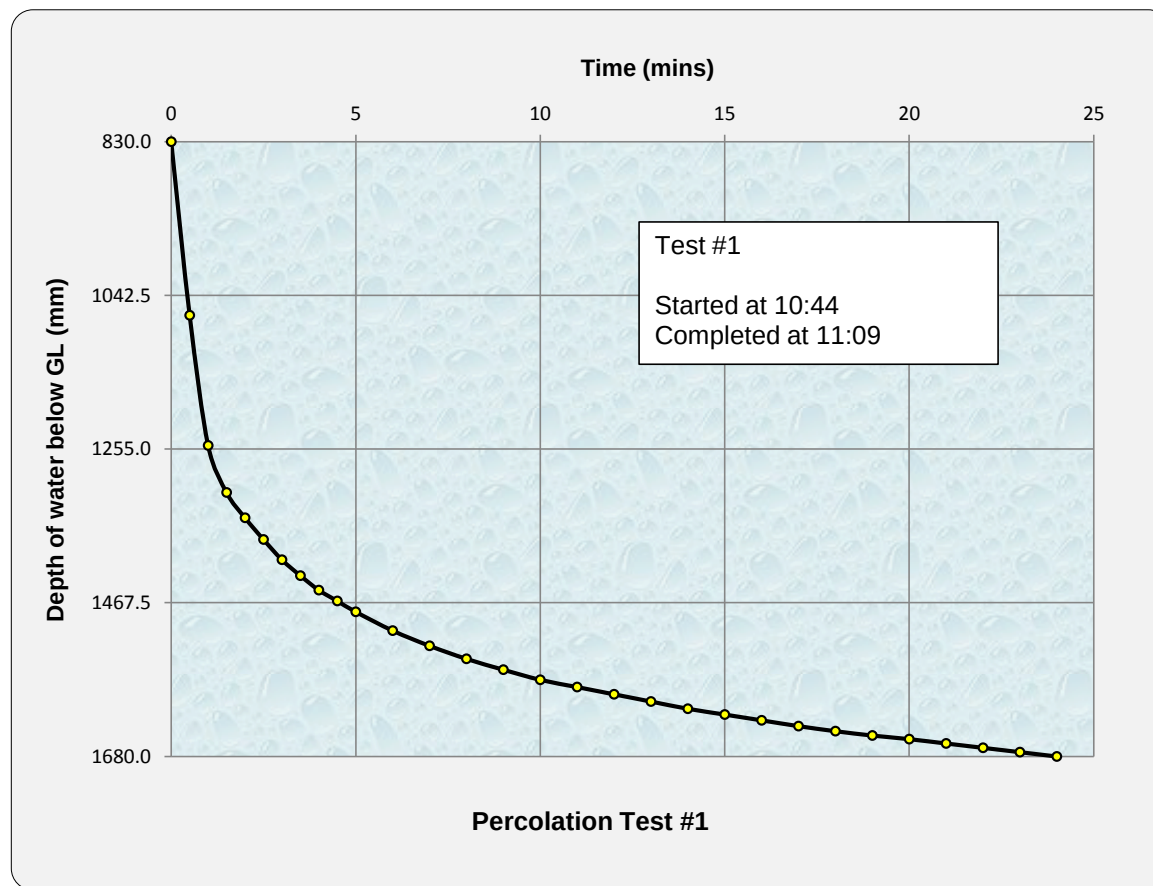
	Time (mins)	Depth to Water Surface
10:44:00	0.0	830
	0.5	1070
	1.0	1250
	1.5	1315
	2.0	1350
	2.5	1380
	3.0	1408
	3.5	1430
	4.0	1450
	4.5	1465
	5.0	1480
	6	1506
	7	1527
	8	1545
	9	1560
	10	1574
	11	1584
	12	1594
	13	1604
	14	1614
	15	1622
	16	1630
	17	1638
	18	1645
	19	1651
	20	1656
	21	1662
	22	1668
11:09:00	23	1674
	24	1680

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#2

Percolation Test Number 1

1850mm Length x 450mm Width x 1680mm Depth



Soil infiltration rate: $f = \frac{0.106}{2.788 \times 4.1 \times 60} = 1.533\text{E-}04 \text{ m/s}$

SOIL INFILTRATION RATE IS
1.533E-04 metres/second

This Trial Pit Utilises a 30% Void Gravel / Space Shingle Infill for Sidewall Support

12:40:00

Time (mins)	Depth to Water Surface
0.0	750
0.5	990
1.0	1090
1.5	1151
2.0	1203
2.5	1245
3.0	1279
3.5	1303
4.0	1329
4.5	1352
5.0	1371
6	1404
7	1430
8	1455
9	1477
10	1494
11	1511
12	1525
13	1537
14	1552
15	1562
16	1572
17	1582
18	1591
19	1599
20	1607
21	1617
22	1622
23	1628
24	1634
25	1640
26	1644
27	1650
28	1654
29	1657
30	1661
32	1667
34	1675
36	1685

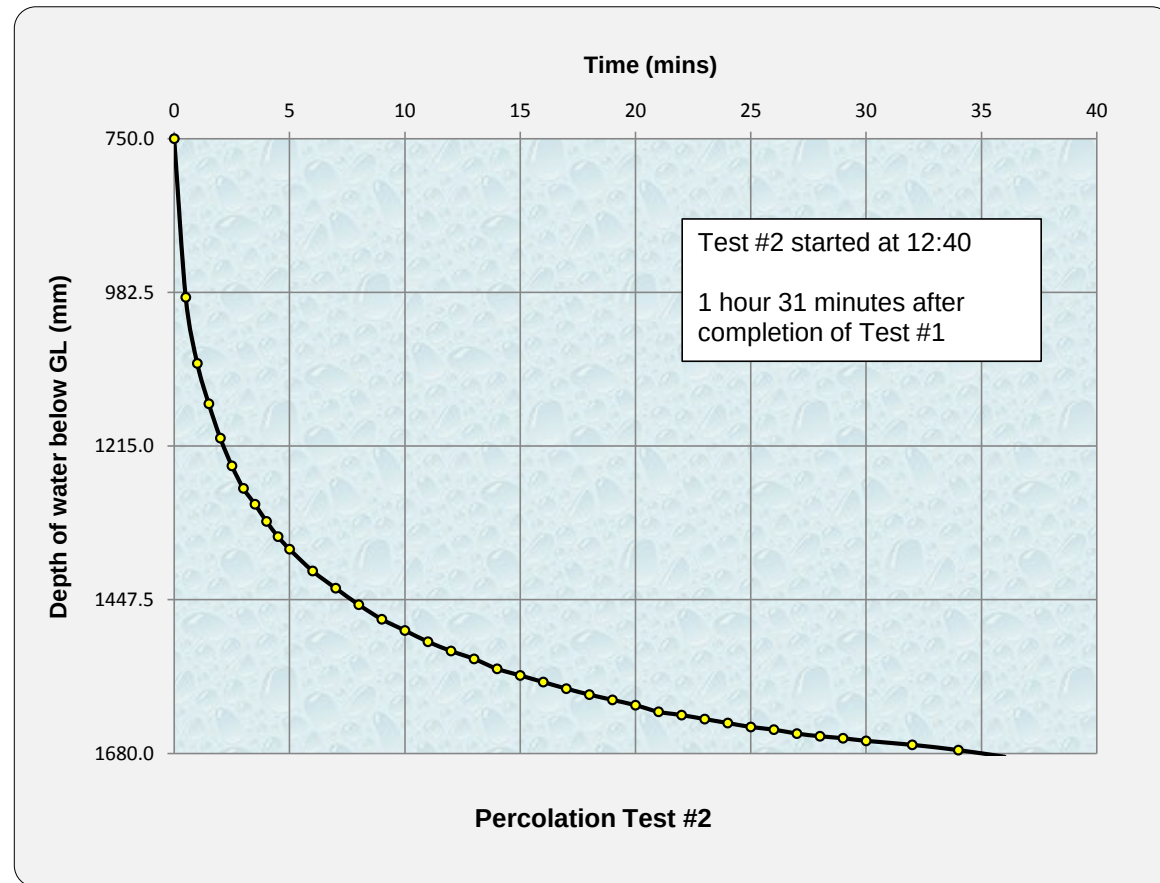
13:16:00

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#2

Percolation Test Number 2

1850mm Length x 450mm Width x 1680mm Depth



Soil infiltration rate: $f = \frac{0.116}{2.972 \times 7.2 \times 60} = 9.022\text{E-}05 \text{ m/s}$

SOIL INFILTRATION RATE IS
9.022E-05 metres/second

This Trial Pit Utilises a 30% Void Gravel / Space Shingle Infill for Sidewall Support

14:06:00

Time (mins)	Depth to Water Surface
0.0	600
0.5	840
1.0	960
1.5	1055
2.0	1112
2.5	1166
3.0	1204
3.5	1237
4.0	1266
4.5	1289
5.0	1313
6	1355
7	1384
8	1413
9	1436
10	1458
11	1473
12	1490
13	1505
14	1517
15	1529
16	1539
17	1549
18	1559
19	1569
20	1576
21	1584
22	1593
23	1600
24	1606
25	1613
26	1620
27	1626
28	1631
29	1636
30	1641
32	1650
34	1657
36	1663
38	1670
40	1677
42	1686

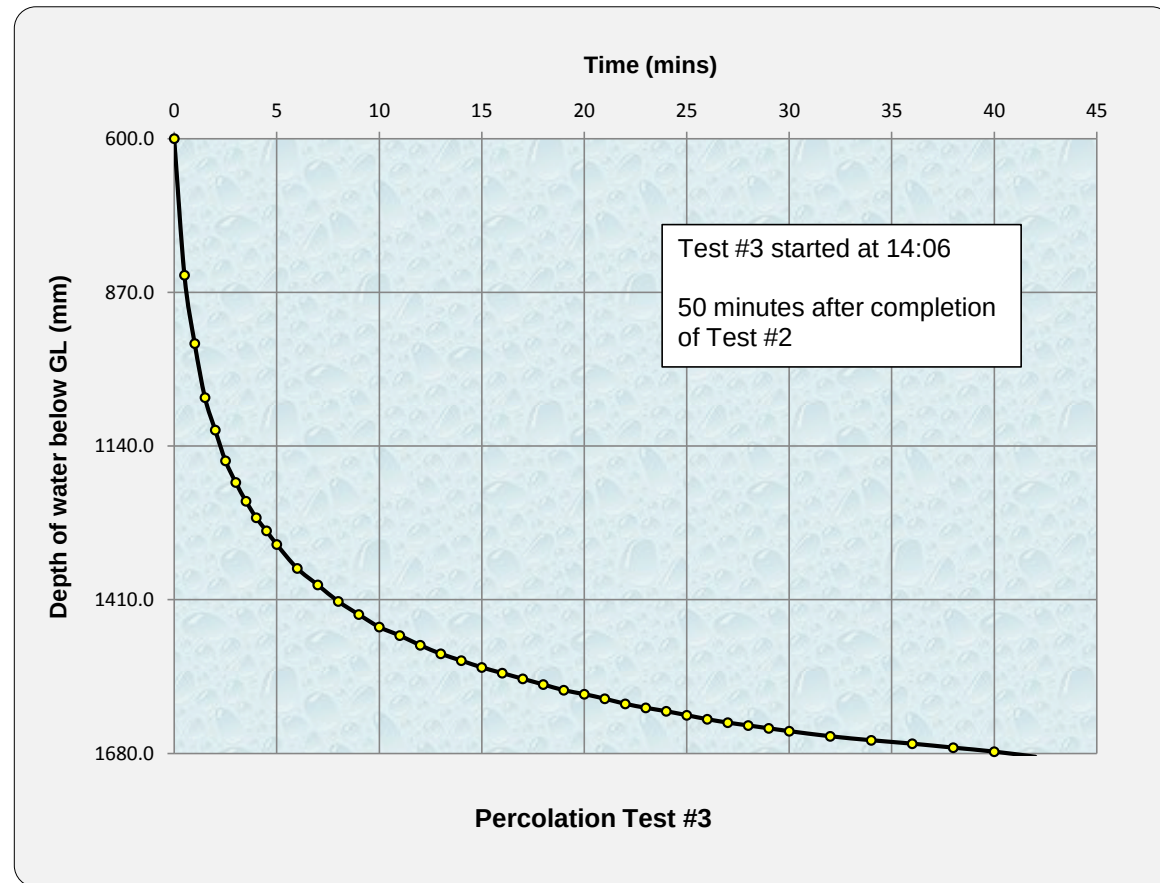
14:49:00

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#2

Percolation Test Number 3

1850mm Length x 450mm Width x 1680mm Depth



Soil infiltration rate: $f = \frac{0.135}{3.317 \times 7.3 \times 60} = 9.316\text{E-}05 \text{ m/s}$

This Trial Pit Utilises a 30% Void Gravel / Space Shingle Infill for Sidewall Support

SOIL INFILTRATION RATE IS
9.316E-05 metres/second

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#2

Percolation Tests Number 1, 2 & 3

1850mm Length x 450mm Width x 1680mm Depth

