

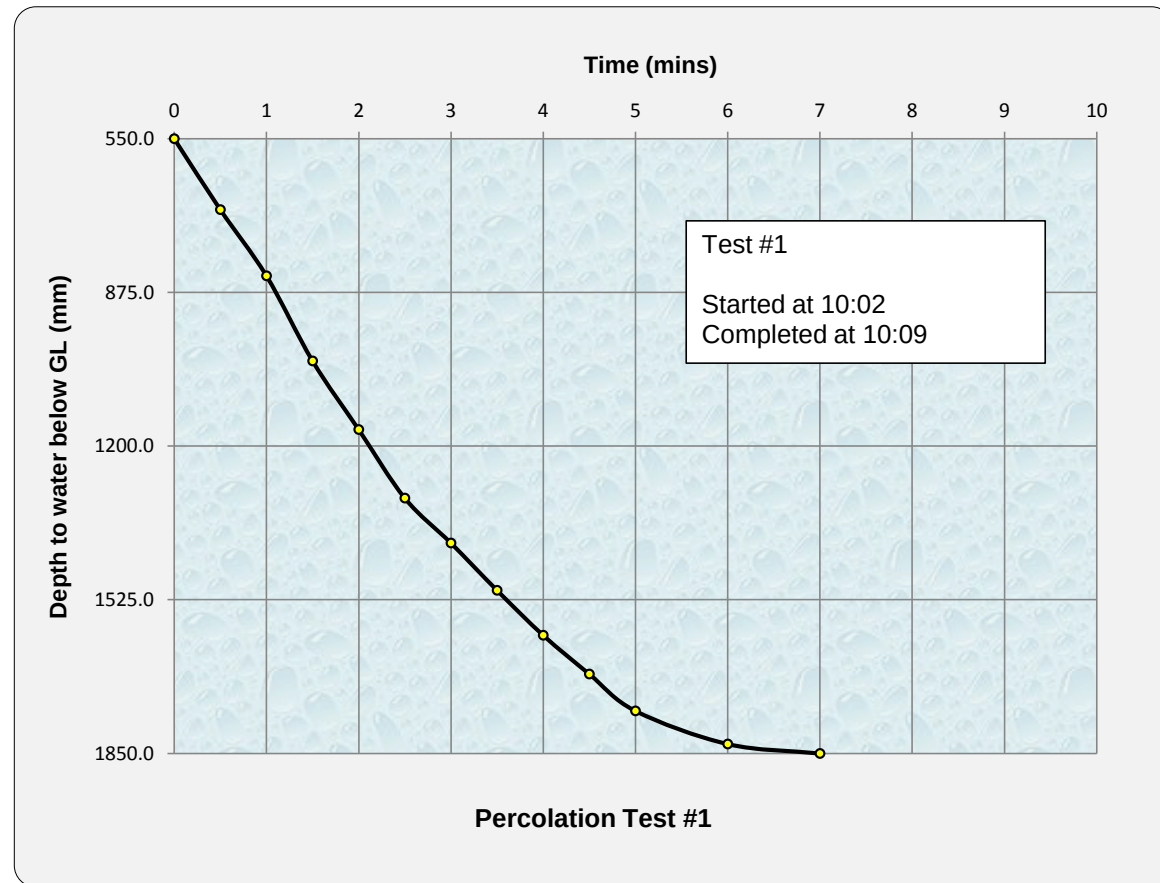
	Time (mins)	Depth to Water Surface
10:02:00	0.0	550
	0.5	700
	1.0	840
	1.5	1020
	2.0	1165
	2.5	1310
	3.0	1405
	3.5	1505
	4.0	1600
	4.5	1682
10:09:00	5.0	1760
	6.0	1830
	7.0	1850

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#1

Percolation Test Number 1

1700mm Length x 500mm Width x 1850mm Depth



Soil infiltration rate: $f = \frac{0.166}{3.710 \times 2.5 \times 60} = 2.967\text{E-}04 \text{ m/s}$

SOIL INFILTRATION RATE IS
2.967E-04 metres/second

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

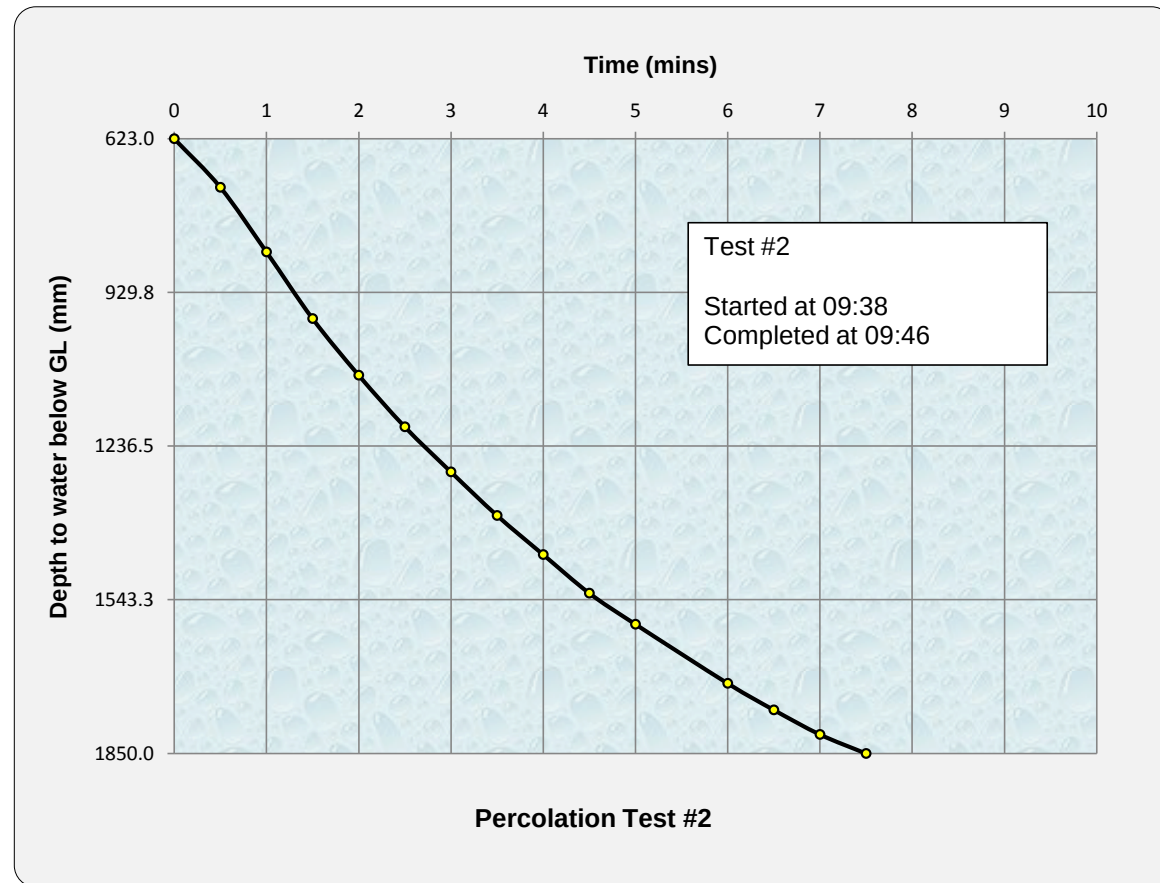
	Time (mins)	Depth to Water Surface
09:38:00	0.0	623
	0.5	720
	1.0	849
	1.5	982
	2.0	1095
	2.5	1198
	3.0	1288
	3.5	1375
	4.0	1453
	4.5	1530
	5.0	1592
	6.0	1710
	6.5	1763
	7.0	1812
	7.5	1850
09:46:00	8.0	

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#1

Percolation Test Number 2

1700mm Length x 500mm Width x 1850mm Depth



Soil infiltration rate: $f = \frac{0.156}{3.549 \times 3.3 \times 60} = 2.219\text{E-}04 \text{ m/s}$

SOIL INFILTRATION RATE IS
2.219E-04 metres/second

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

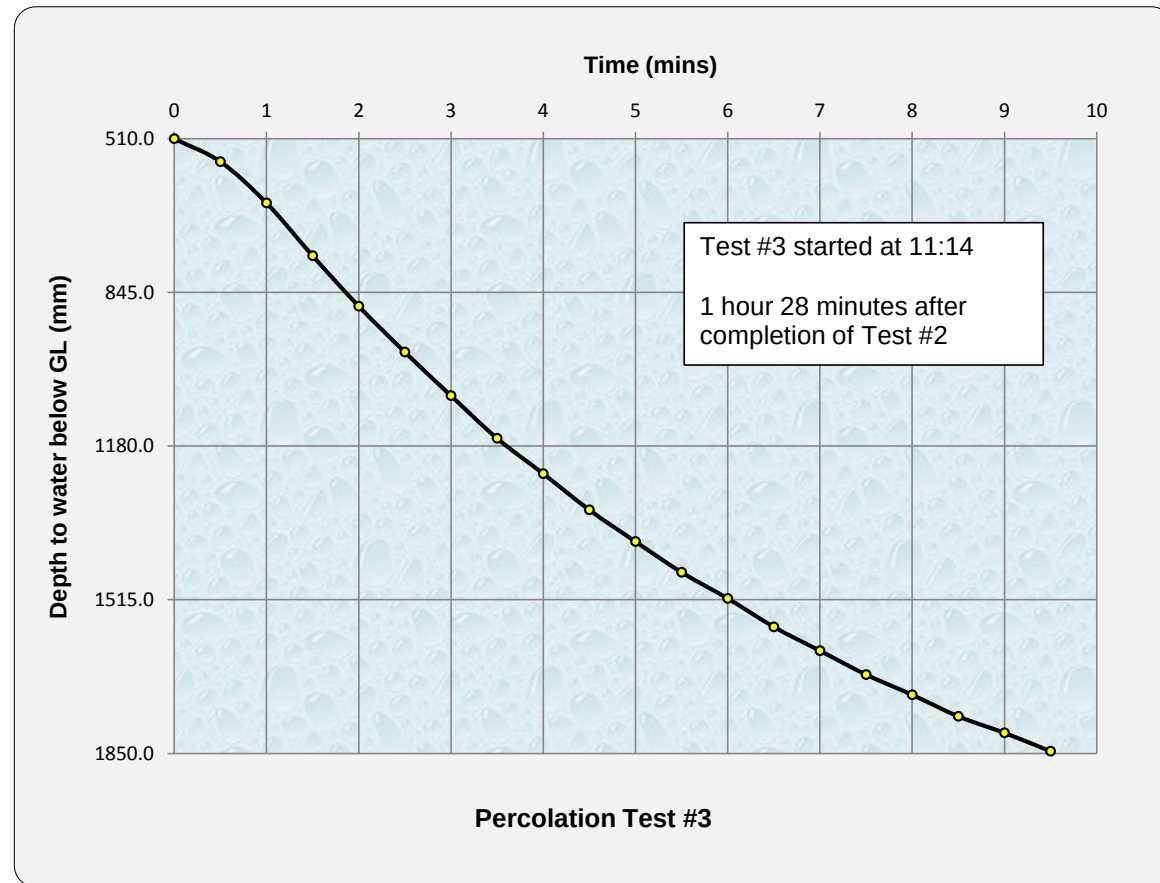
	Time (mins)	Depth to Water Surface
11:14:00	0.0	510
	0.5	560
	1.0	650
	1.5	765
	2.0	875
	2.5	975
	3.0	1070
	3.5	1163
	4.0	1240
	4.5	1319
	5.0	1388
	5.5	1455
	6.0	1512
	6.5	1574
	7.0	1626
11:24:00	7.5	1678
	8.0	1722
	8.5	1769
	9.0	1805
	9.5	1845
	10.0	

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#1

Percolation Test Number 3

1700mm Length x 500mm Width x 1850mm Depth



Soil infiltration rate: $f = \frac{0.171}{3.798 \times 4.2 \times 60} = 1.802\text{E-}04 \text{ m/s}$

SOIL INFILTRATION RATE IS
1.802E-04 metres/second

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

12:50:00

Time (mins)	Depth to Water Surface
0.0	540
0.5	589
1.0	673
1.5	773
2.0	873
2.5	970
3.0	1060
3.5	1143
4.0	1218
4.5	1288
5.0	1355
5.5	1416
6.0	1473
6.5	1530
7.0	1582
7.5	1630
8.0	1672
8.5	1714
9.0	1754
9.5	1791
10.0	1828
10.5	1855
11.0	

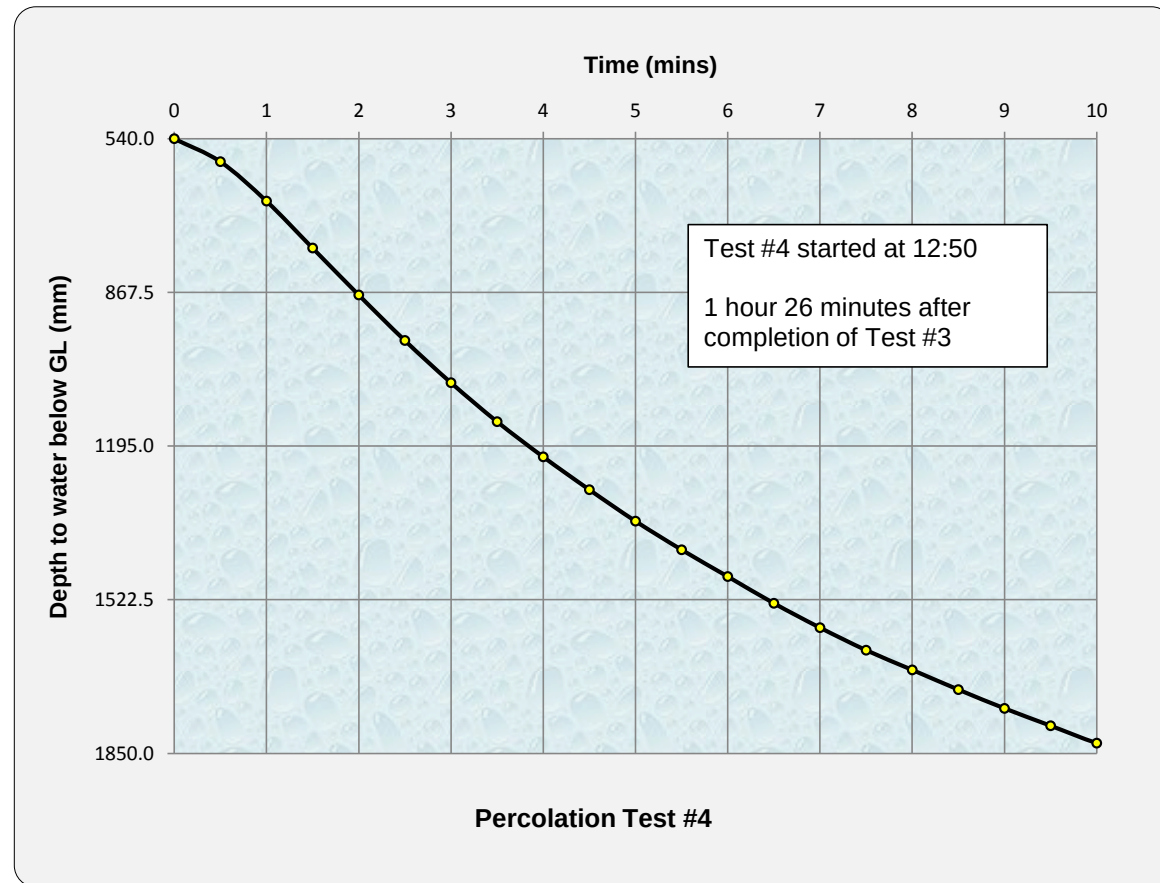
13:01:00

"Walberton Farm" Yapton Lane, Walberton

Percolation Trial Pit TP#1

Percolation Test Number 4

1700mm Length x 500mm Width x 1850mm Depth



Soil infiltration rate: $f = \frac{0.167}{3.732 \times 4.5 \times 60} = 1.672\text{E-}04 \text{ m/s}$

SOIL INFILTRATION RATE IS
1.672E-04 metres/second

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

