

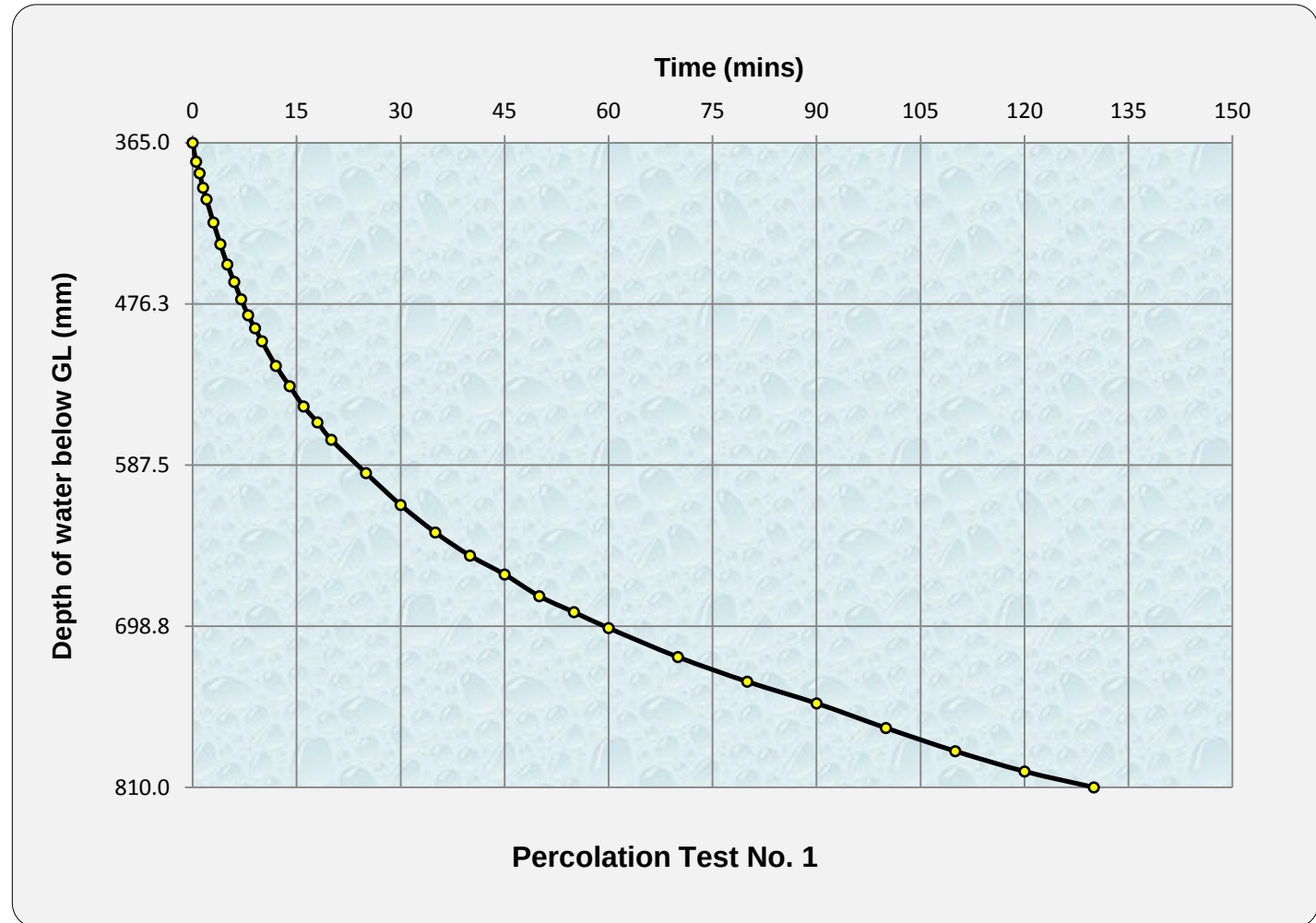
Time (mins)	Depth to Water Surface
0.0	365
0.5	378
1.0	386
1.5	396
2	404
3	420
4	435
5	449
6	461
7	473
8	484
9	493
10	502
12	519
14	533
16	547
18	558
20	570
25	593
30	615
35	634
40	650
45	663
50	678
55	689
60	700
70	720
80	737
90	752
100	769
110	785
120	799
130	810

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#1 (rear garden)

Percolation Test #1

1050mm Length x 370mm Width x 810mm Depth



Soil infiltration rate:

$$f = \frac{0.076}{0.914 \times 52.1 \times 60} = 2.649\text{E-}05 \text{ m/s}$$

SOIL INFILTRATION RATE IS
2.649E-05 metres/second

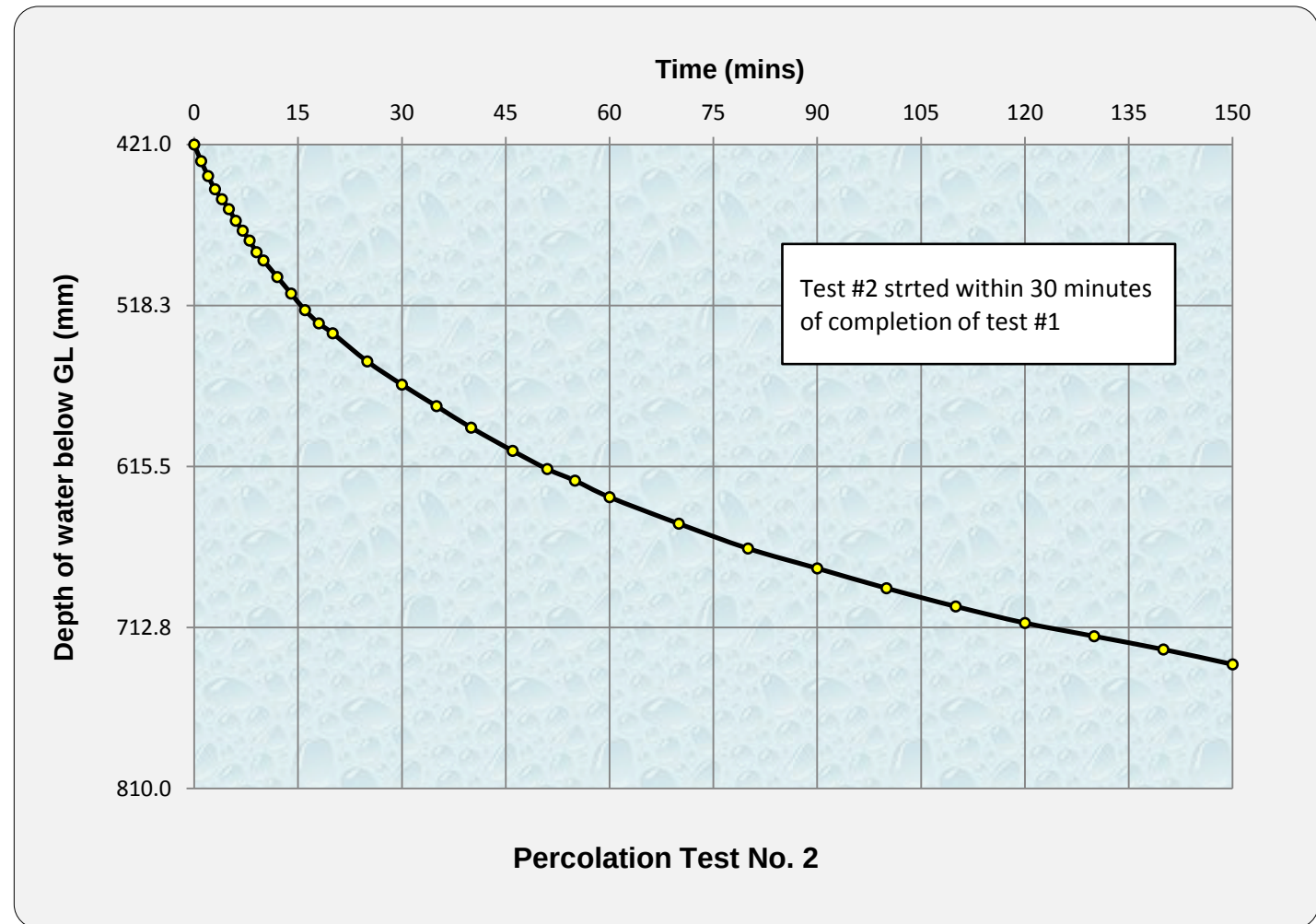
Time (mins)	Depth to Water Surface
0.0	421
0.5	
1.0	431
1.5	
2	440
3	448
4	454
5	460
6	467
7	473
8	479
9	486
10	491
12	501
14	511
16	521
18	529
20	535
25	552
30	566
35	579
40	592
46	606
51	617
55	624
60	634
70	650
80	665
90	677
100	689
110	700
120	710
130	718
140	726
150	735

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#1 (rear garden)

Percolation Test #2

1050mm Length x 370mm Width x 810mm Depth



Soil infiltration rate:

$$f = \frac{0.066}{0.842 \times 108.2 \times 60} = 1.211\text{E-}05 \text{ m/s}$$

SOIL INFILTRATION RATE IS

1.211E-05 metres/second

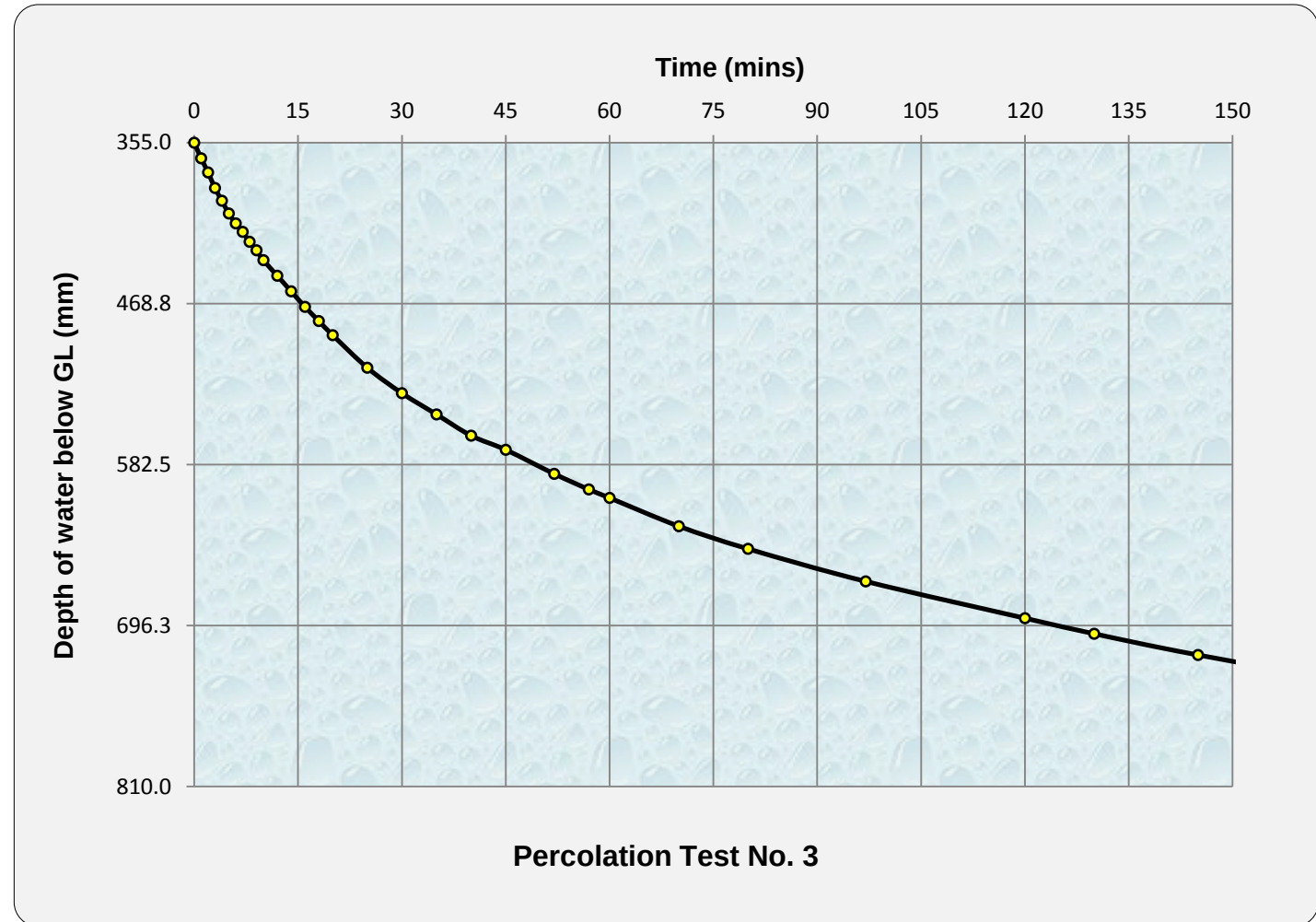
Time (mins)	Depth to Water Surface
0.0	355
0.5	
1.0	366
1.5	
2	376
3	387
4	396
5	405
6	412
7	418
8	425
9	431
10	438
12	449
14	460
16	471
18	481
20	491
25	514
30	532
35	547
40	562
45	572
52	589
57	600
60	606
70	626
80	642
97	665
120	691
130	702
145	717
190	757
200	767

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#1 (rear garden)

Percolation Test #3

1050mm Length x 370mm Width x 810mm Depth



Soil infiltration rate:

$$f = \frac{0.077}{0.927 \times 109.5 \times 60} = 1.271\text{E-}05 \text{ m/s}$$

SOIL INFILTRATION RATE IS
1.271E-05 metres/second

