

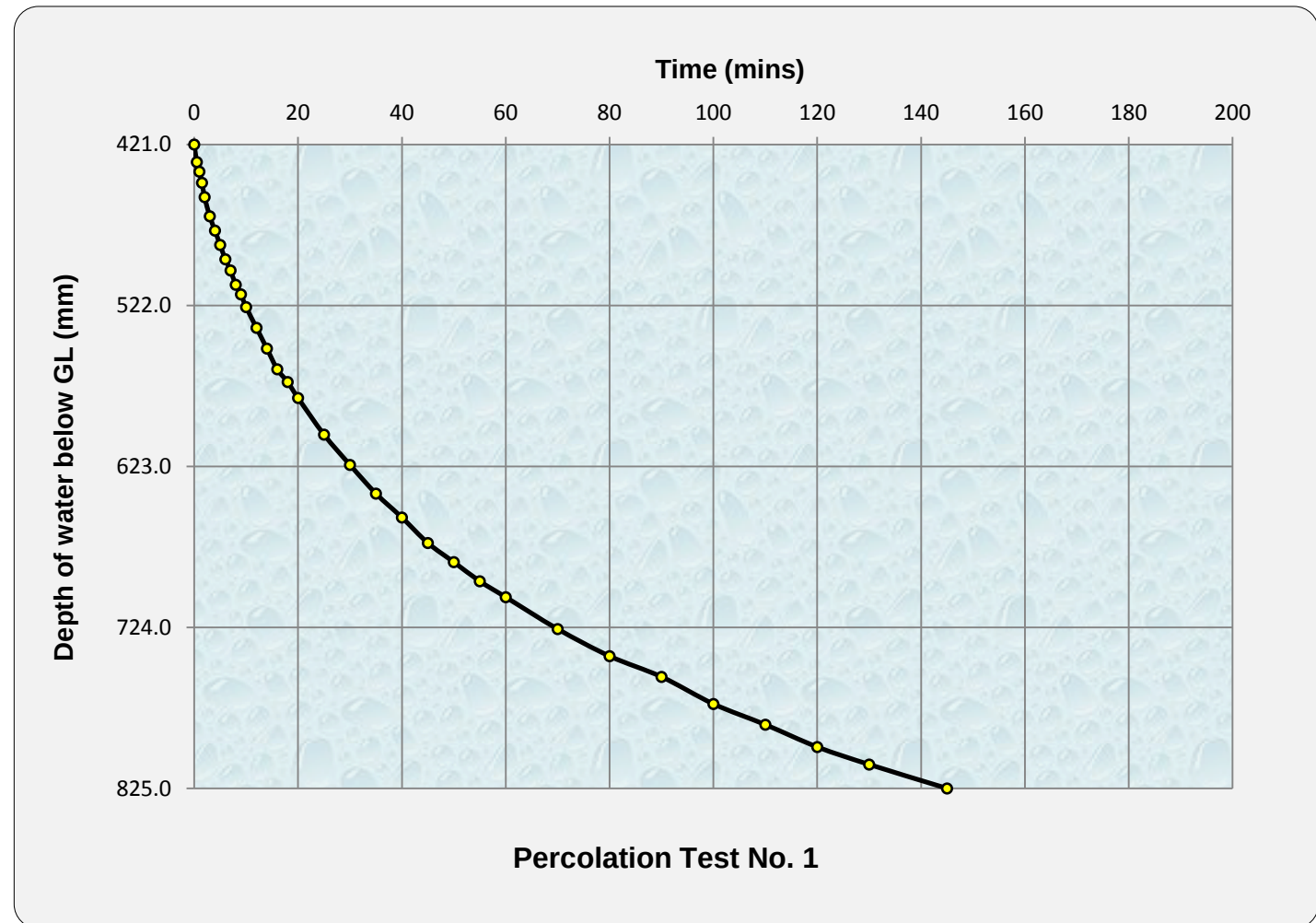
Time (mins)	Depth to Water Surface
0.0	421
0.5	432
1.0	438
1.5	445
2	454
3	466
4	475
5	484
6	493
7	500
8	509
9	515
10	523
12	536
14	549
16	562
18	570
20	580
25	603
30	622
35	640
40	655
45	671
50	683
55	695
60	705
70	725
80	742
90	755
100	772
110	785
120	799
130	810
145	825

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#2 (front garden)

Percolation Test #1

1010mm Length x 340mm Width x 825mm Depth



Soil infiltration rate:

$$f = \frac{0.069}{0.889 \times 59.1 \times 60} = 2.202\text{E-}05 \text{ m/s}$$

SOIL INFILTRATION RATE IS
2.202E-05 metres/second

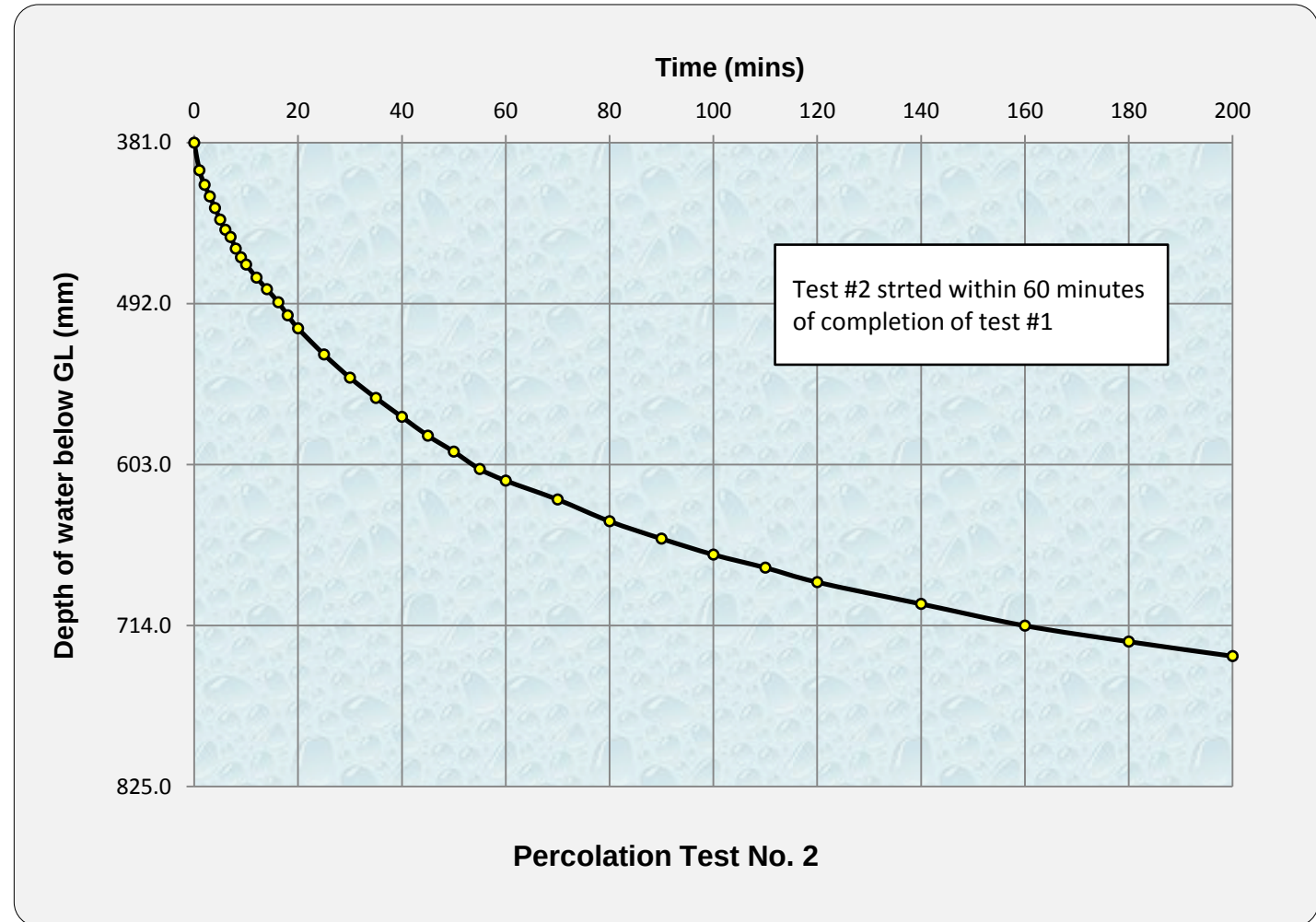
Time (mins)	Depth to Water Surface
0.0	381
1	400
2	410
3	418
4	426
5	434
6	441
7	446
8	454
9	460
10	465
12	474
14	482
16	491
18	500
20	509
25	527
30	543
35	557
40	570
45	583
50	594
55	606
60	614
70	627
80	642
90	654
100	665
110	674
120	684
140	699
160	714
180	725
200	735

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#2 (front garden)

Percolation Test #2

1010mm Length x 340mm Width x 825mm Depth



Soil infiltration rate:

$$f = \frac{0.076}{0.943 \times 143.8 \times 60} = 9.375E-06 \text{ m/s}$$

SOIL INFILTRATION RATE IS

9.375E-06 metres/second

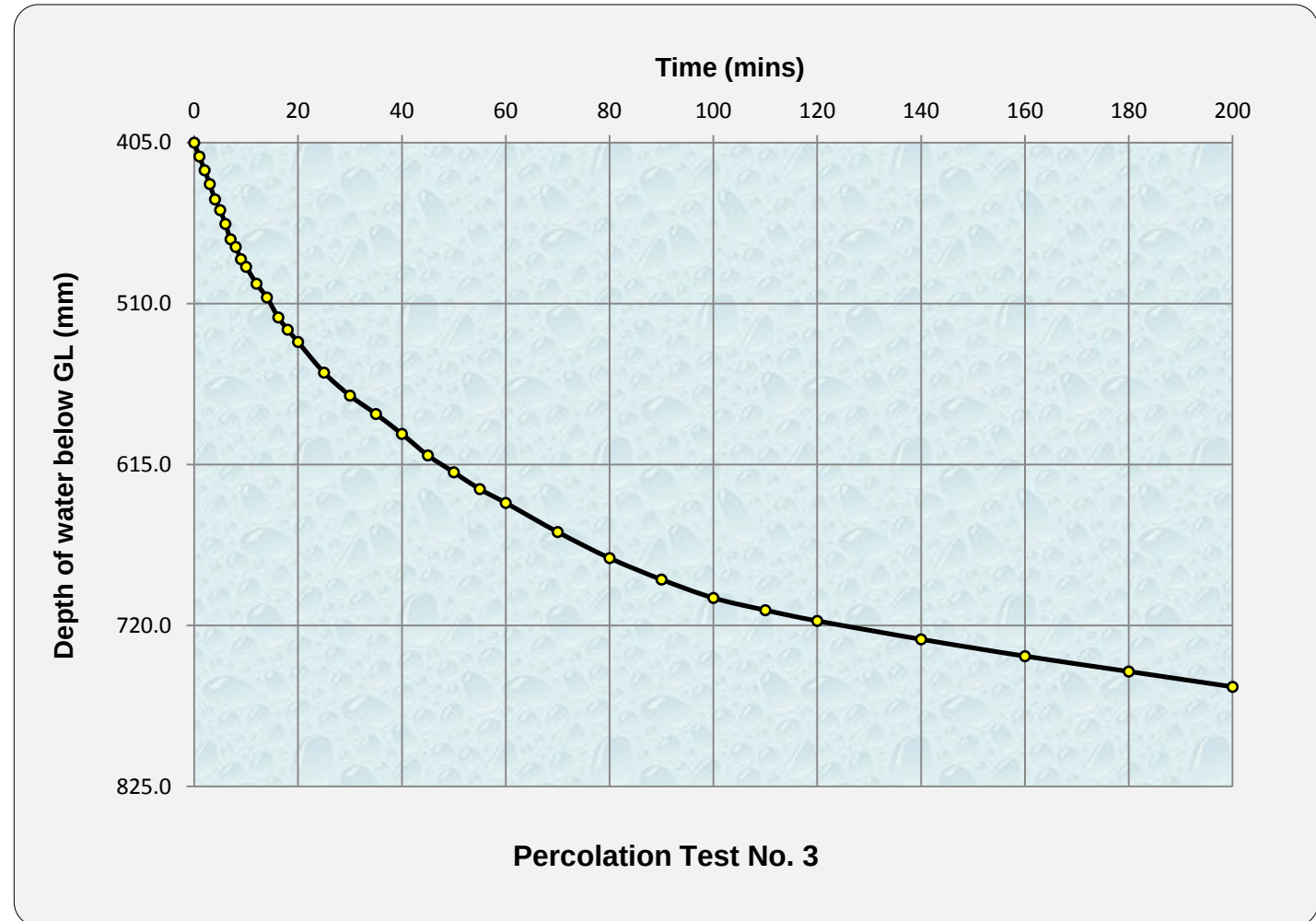
Time (mins)	Depth to Water Surface
0.0	405
1	414
2	423
3	432
4	442
5	449
6	458
7	468
8	473
9	481
10	486
12	497
14	506
16	519
18	527
20	535
25	555
30	570
35	582
40	595
45	609
50	620
55	631
60	640
70	659
80	676
90	690
100	702
110	710
120	717
140	729
160	740
180	750
200	760

"Briarfield" Ancton Lane, Middleton-on-Sea

Percolation Trial Pit TP#2 (front garden)

Percolation Test #3

1010mm Length x 340mm Width x 825mm Depth

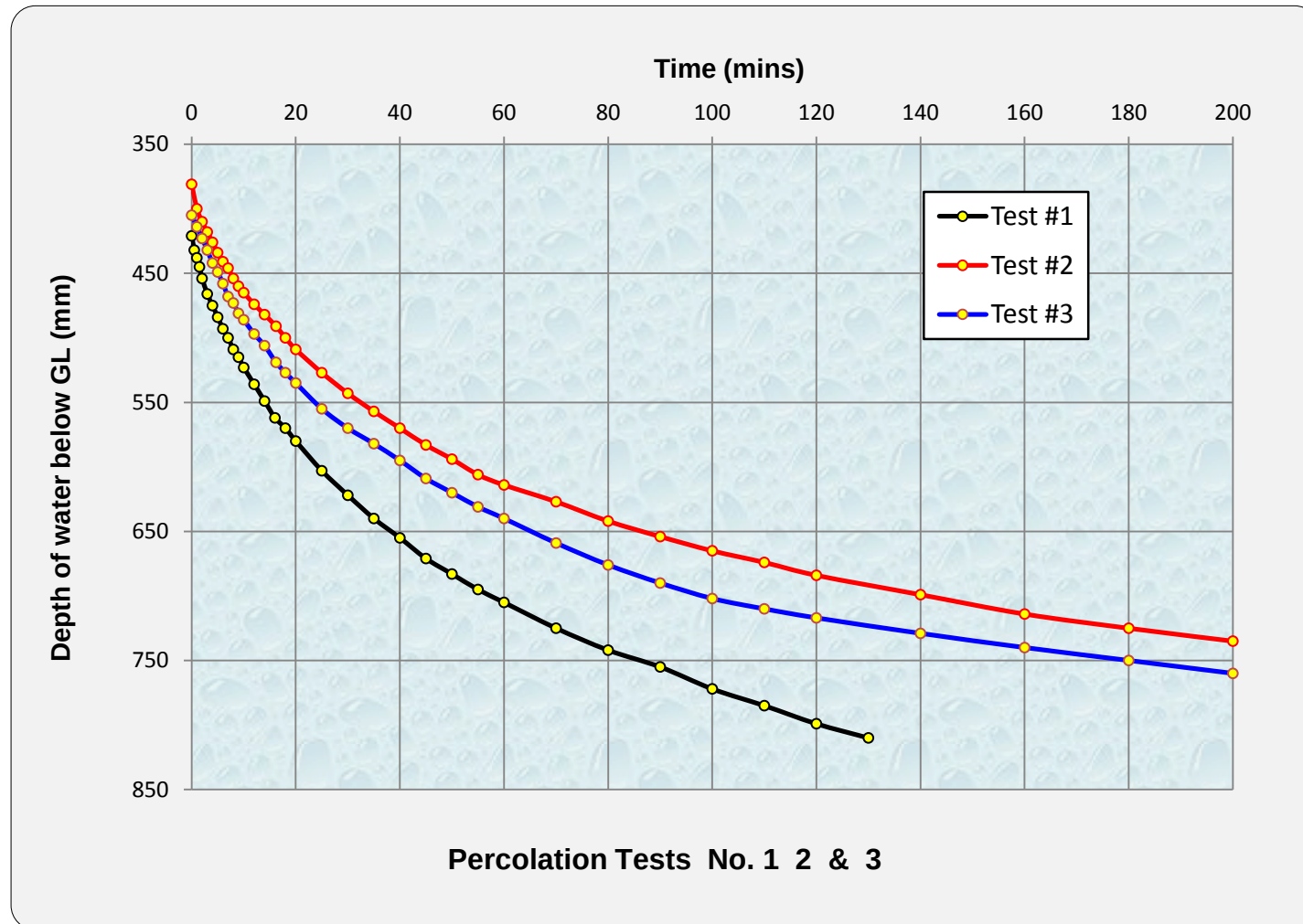


Soil infiltration rate:

$$f = \frac{0.072}{0.910 \times 111.1 \times 60} = 1.188\text{E-}05 \text{ m/s}$$

SOIL INFILTRATION RATE IS

1.188E-05 metres/second



Percolation Tests No. 1 2 & 3