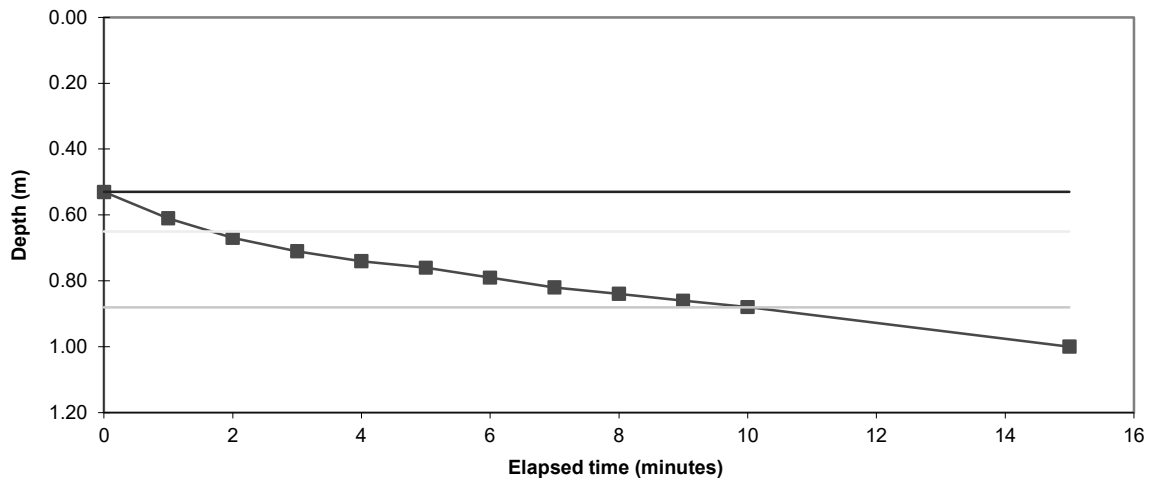


Soakaway Test Results



Trial Pit No: SA04 Test No: 1 Date: 23/03/2020
 Length (m): 1.00
 Width (m): 0.30 Granular infill: NA
 Depth (m): 1.00 Porosity of infill: 1 (assumed)

Elapsed time (minutes)	Water Depth (metres)	Elapsed time (minutes)	Water Depth (metres)
0	0.53		
1	0.61		
2	0.67		
3	0.71		
4	0.74		
5	0.76		
6	0.79		
7	0.82		
8	0.84		
9	0.86		
10	0.88		
15	1.00		



Water depth at start of test (m): 0.53
 75% effective depth (m): 0.65 Elapsed time (mins): 1.7
 50% effective depth (m): 0.77
 25% effective depth (m): 0.88 Elapsed time (mins): 10.0
 Empty depth (m): 1.00

Volume outflow between 75% and 25% effective depth (m³): 0.069
 Mean surface area of outflow (m²): 0.90
 (side area at 50% effective depth + base area)
 Time for outflow between 75% and 25% effective depth (mins): 8.3
Soil infiltration rate (m/s): 1.5E-4

Remarks

Notes:
 Results processed following BRE 365 (1991)
 Water depths measured below ground level

Project Nantgaredig
 Project No. 2031
 Carried out for CB3

Figure
SA04