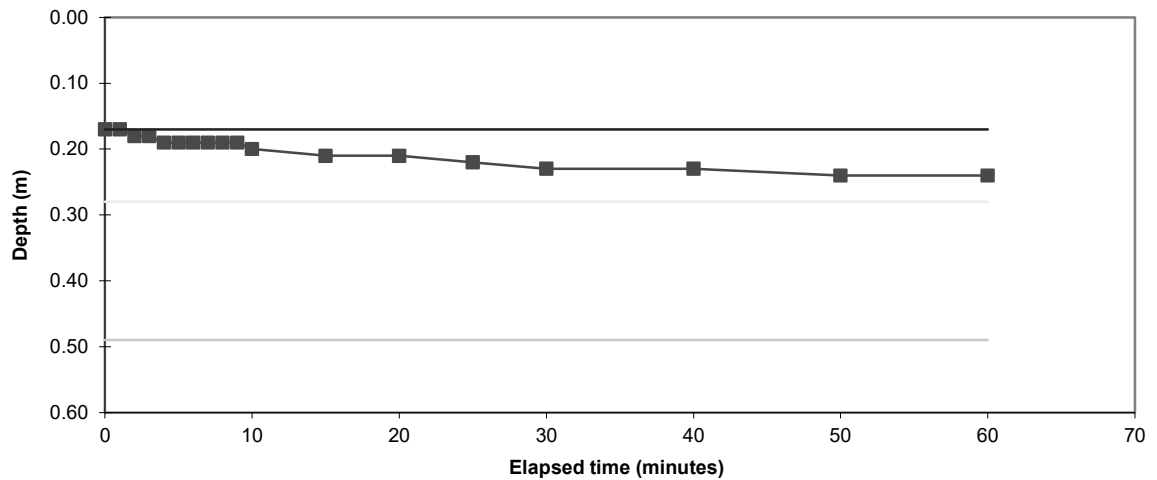


# Soakaway Test Results



Trial Pit No: SA01      Test No: 1      Date: 23/03/2020  
 Length (m): 1.20  
 Width (m): 0.30      Granular infill: NA  
 Depth (m): 0.60      Porosity of infill: 1 (assumed)

Elapsed time (minutes)	Water Depth (metres)	Elapsed time (minutes)	Water Depth (metres)
0	0.17	30	0.23
1	0.17	40	0.23
2	0.18	50	0.24
3	0.18	60	0.24
4	0.19		
5	0.19		
6	0.19		
7	0.19		
8	0.19		
9	0.19		
10	0.20		
15	0.21		
20	0.21		
25	0.22		



Water depth at start of test (m): 0.17  
 75% effective depth (m): 0.28      Elapsed time (mins): #N/A  
 50% effective depth (m): 0.39  
 25% effective depth (m): 0.49      Elapsed time (mins): #N/A  
 Empty depth (m): 0.60

Volume outflow between 75% and 25% effective depth (m<sup>3</sup>):  
 Mean surface area of outflow (m<sup>2</sup>): 0.99  
 (side area at 50% effective depth + base area)  
 Time for outflow between 75% and 25% effective depth (mins):

**Soil infiltration rate (m/s):**      **Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate**

Remarks

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

Project: Nantgaredig  
 Project No.: 2031  
 Carried out for: CB3

Figure  
**SA01**