

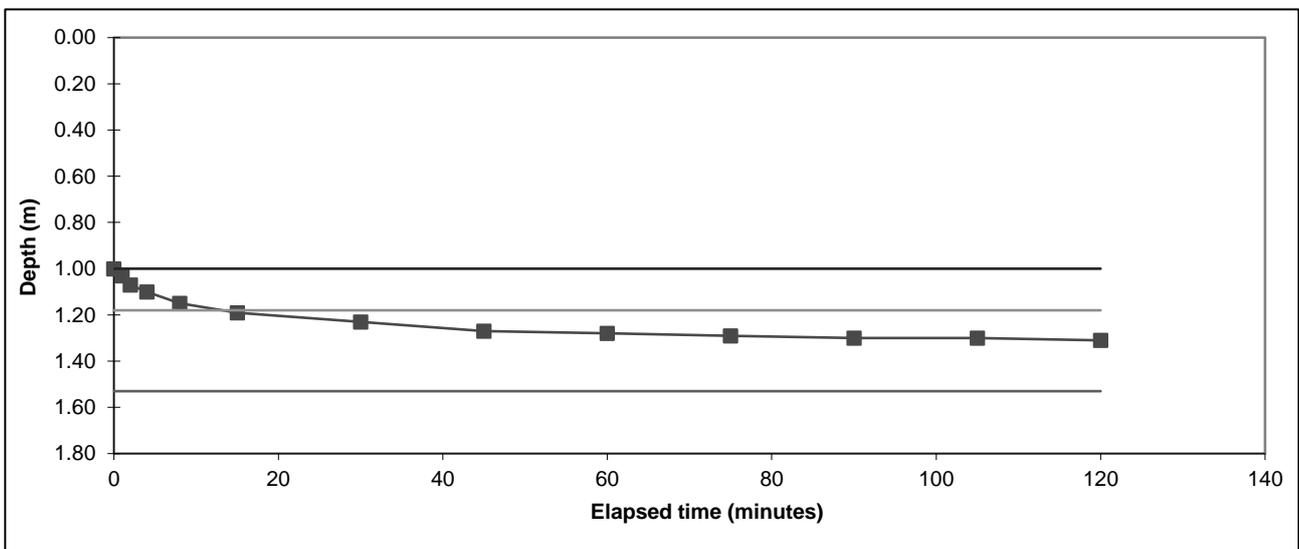
Soakaway Test Report



GEOTECHNICAL, PLANNING & SURVEYING CONSULTANTS
A PHENNA GROUP COMPANY

Trial Pit No:	WS01	Test No:	1	Date:	15/04/2025
Length (m):	0.700	Datum Height:			m agl
Width (m):	0.70	Granular infill:	None		
Depth (m):	1.70	Porosity of infill:	1		(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.000		
1	1.030		
2	1.070		
4	1.100		
8	1.150		
15	1.190		
30	1.230		
45	1.270		
60	1.280		
75	1.290		
90	1.300		
105	1.300		
120	1.310		



Start water depth for analysis (mbgl):	1.00		
75% effective depth (mbgl):	1.18	Elapsed time (mins):	13.3
50% effective depth (mbgl):	1.35		
25% effective depth (mbgl):	1.53	Elapsed time (mins):	#N/A
Base of soakage zone (mbgl):	1.70		
Volume outflow between 75% and 25% effective depth (m ³):			
Mean surface area of outflow (m ²):			1.47
(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.
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Remarks Results processed following BRE 365 (2007).
Results could not be extrapolated to obtain an infiltration rate due to practically impermeable drainage characteristics.

Client:	Alpha Dora Property Group	Job No:	
Site:	Haddon Road, Ahtersley South, Barnsley, S71 3SY		24246