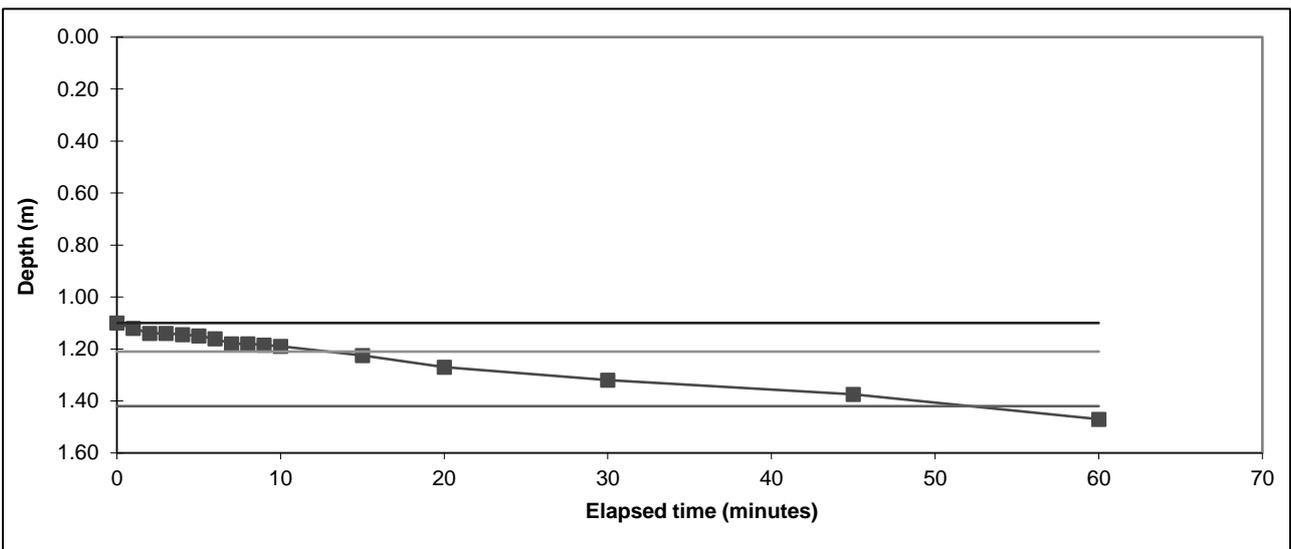


Rogers Geotechnical Services L

Soakaway Test

Trial Pit No:	TPSA01	Test No:	1	Date:	12/08/2025
Length (m):	2.700	Datum Height:			0.00 m agl
Width (m):	1.50	Granular infill:	None		
Depth (m):	1.52	Porosity of infill:	1	(assumed)	

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.100	45	1.375
1	1.120	60	1.470
2	1.140		
3	1.140		
4	1.145		
5	1.150		
6	1.160		
7	1.180		
8	1.180		
9	1.185		
10	1.190		
15	1.225		
20	1.270		
30	1.320		



Start water depth for analysis (mbgl):	1.10		
75% effective depth (mbgl):	1.21	Elapsed time (mins):	12.9
50% effective depth (mbgl):	1.31		
25% effective depth (mbgl):	1.42	Elapsed time (mins):	52.1
Base of soakage zone (mbgl):	1.52		
Volume outflow between 75% and 25% effective depth (m ³):		0.851	
Mean surface area of outflow (m ²):		5.81	
(side area at 50% effective depth + base area)			
Time for outflow between 75% and 25% effective depth (mins):		39.2	

Soil infiltration rate (m/s):	6.2E-5
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Remarks	Results processed following BRE 365 (2007). Test terminated once crossed 75% value
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Client:	Kingsman Homes	Job No:	
Site:	Royd Moor House Farm, Thurlstone		C4503/25/E/8376