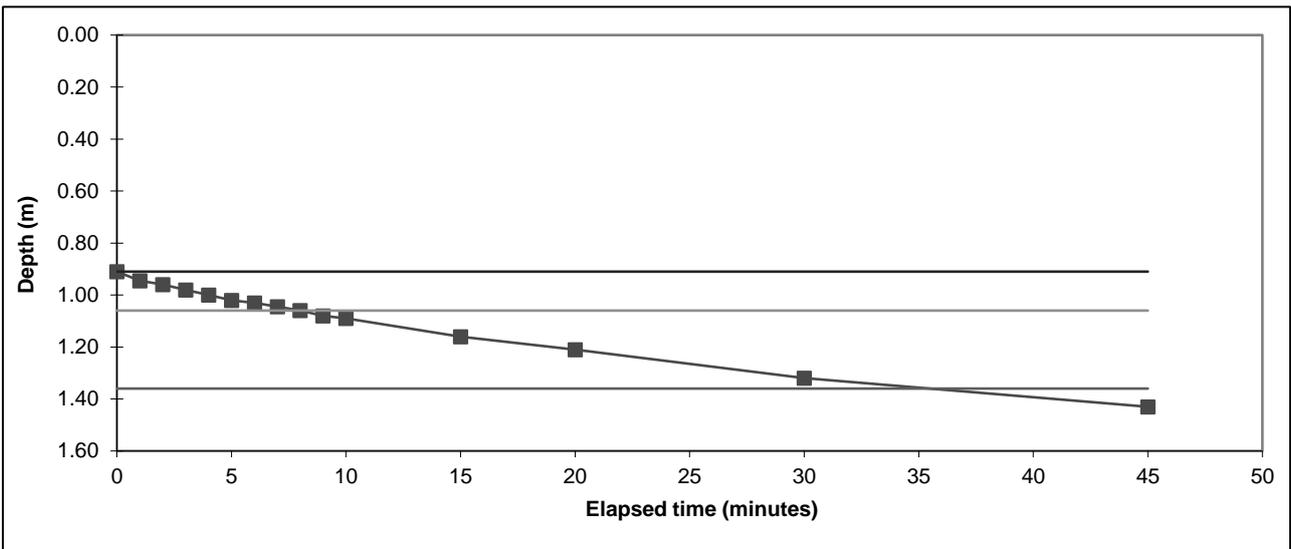


Rogers Geotechnical Services L

Soakaway Test

Trial Pit No:	TPSA02	Test No:	2	Date:	12/08/2025
Length (m):	2.100	Datum Height:			0.00 m agl
Width (m):	1.40	Granular infill:	None		
Depth (m):	1.51	Porosity of infill:	1	(assumed)	

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	0.910	45	1.430
1	0.945		
2	0.960		
3	0.980		
4	1.000		
5	1.020		
6	1.030		
7	1.045		
8	1.060		
9	1.080		
10	1.090		
15	1.160		
20	1.210		
30	1.320		



Start water depth for analysis (mbgl):	0.91		
75% effective depth (mbgl):	1.06	Elapsed time (mins):	8.0
50% effective depth (mbgl):	1.21		
25% effective depth (mbgl):	1.36	Elapsed time (mins):	35.5
Base of soakage zone (mbgl):	1.51		
Volume outflow between 75% and 25% effective depth (m ³):			0.882
Mean surface area of outflow (m ²): (side area at 50% effective depth + base area)			5.04
Time for outflow between 75% and 25% effective depth (mins):			27.5

Soil infiltration rate (m/s):	1.1E-4
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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:	C4503/25/E/8376
Site:	Royd Moor House Farm, Thurlstone		