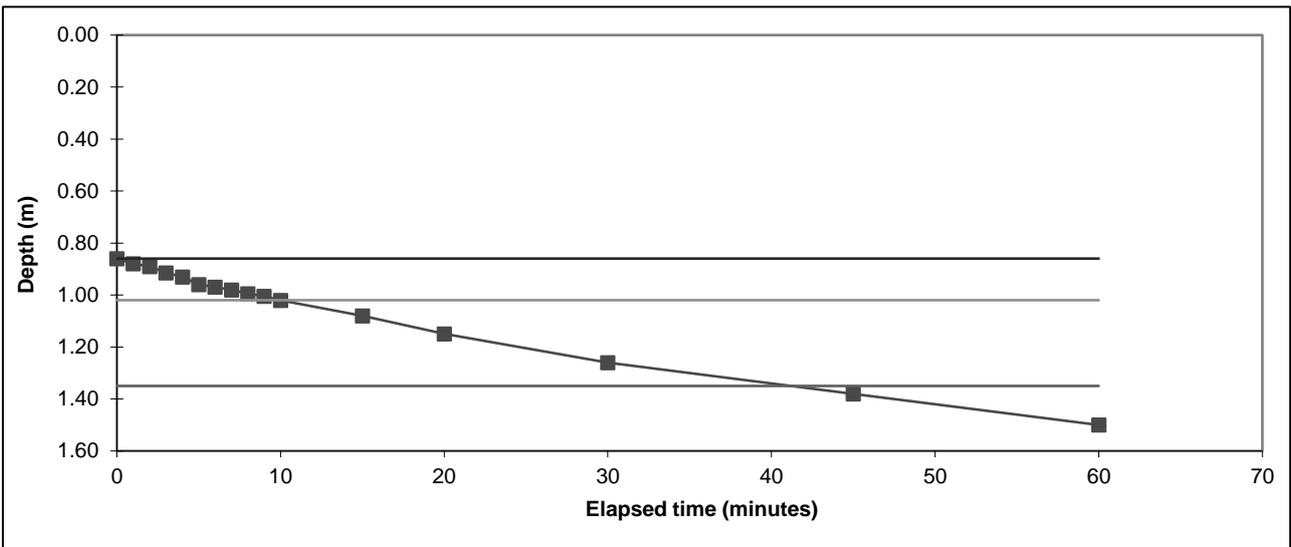


Rogers Geotechnical Services L

Soakaway Test

Trial Pit No:	TPSA02	Test No:	3	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	0.860	45	1.380
1	0.880	60	1.500
2	0.890		
3	0.915		
4	0.930		
5	0.960		
6	0.970		
7	0.980		
8	0.995		
9	1.005		
10	1.020		
15	1.080		
20	1.150		
30	1.260		



Start water depth for analysis (mbgl):	0.86		
75% effective depth (mbgl):	1.02	Elapsed time (mins):	10.0
50% effective depth (mbgl):	1.19		
25% effective depth (mbgl):	1.35	Elapsed time (mins):	41.3
Base of soakage zone (mbgl):	1.51		
Volume outflow between 75% and 25% effective depth (m ³):			0.970
Mean surface area of outflow (m ²):			5.18
(side area at 50% effective depth + base area)			
Time for outflow between 75% and 25% effective depth (mins):			31.3

Soil infiltration rate (m/s):	1.0E-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		