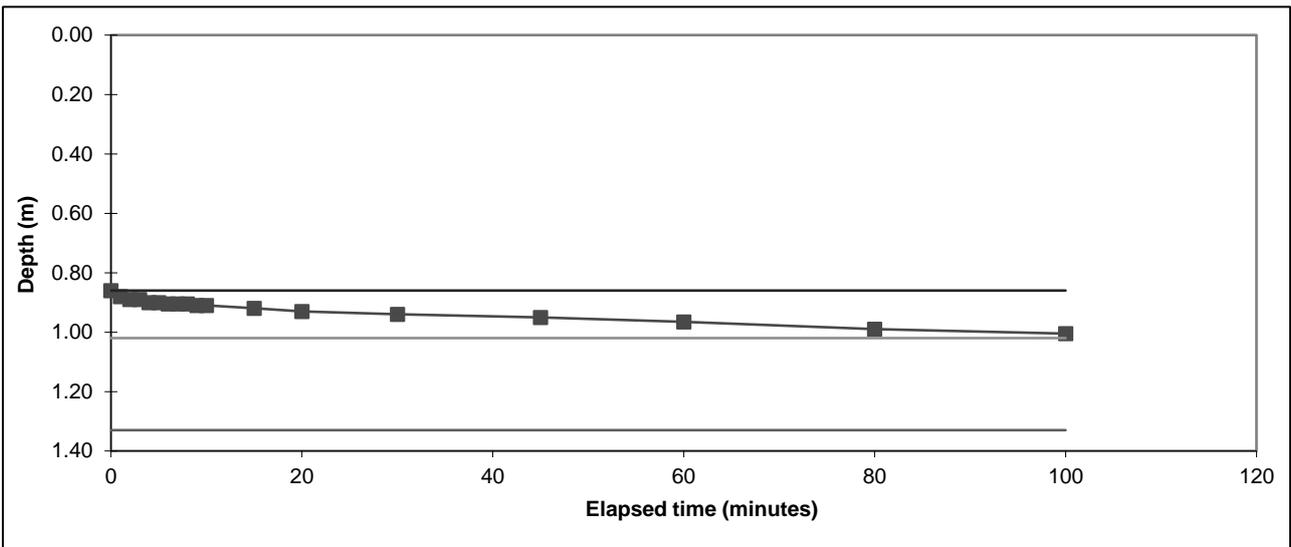


Rogers Geotechnical Services L

Soakaway Test

Trial Pit No:	TPSA03	Test No:	1	Date:	12/08/2025
Length (m):	2.100	Datum Height:			0.00 m agl
Width (m):	1.40	Granular infill:	None		
Depth (m):	1.48	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	0.950
1	0.880	60	0.965
2	0.890	80	0.990
3	0.890	100	1.005
4	0.900		
5	0.900		
6	0.905		
7	0.905		
8	0.905		
9	0.910		
10	0.910		
15	0.920		
20	0.930		
30	0.940		



Start water depth for analysis (mbgl):	0.86	Elapsed time (mins):	#N/A
75% effective depth (mbgl):	1.02	Elapsed time (mins):	#N/A
50% effective depth (mbgl):	1.17		
25% effective depth (mbgl):	1.33		
Base of soakage zone (mbgl):	1.48		
Volume outflow between 75% and 25% effective depth (m ³):			
Mean surface area of outflow (m ²):			5.11
(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). Test terminated didn't attain 25% drop in water
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Client:	Kingsman Homes	Job No:	C4503/25/E/8376
Site:	Royd Moor House Farm, Thurlstone		