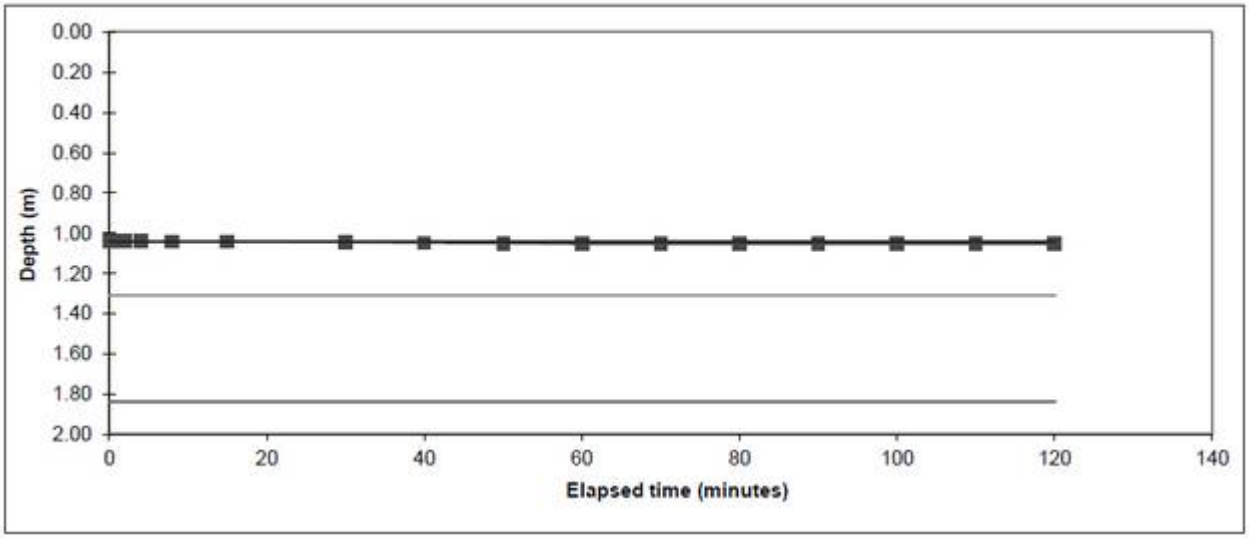
Trial Pit No:	TP1	Test No:	1	Date:	15/09/2016
Length (m):	2.500		Datum Height:	0.00 m agl	
Width (m):	0.60		Granular infill:	None	
Depth (m):	2.10		Porosity of infill:	1	(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.040	110	1.054
1	1.040	120	1.054
2	1.040		
4	1.040		
8	1.042		
15	1.042		
30	1.045		
40	1.048		
50	1.050		
60	1.054		
70	1.054		
80	1.054		
90	1.054		
100	1.054		



Start water depth for analysis (mbgl):	1.04		
75% effective depth (mbgl):	1.31	Elapsed time (mins):	#N/A
50% effective depth (mbgl):	1.57		
25% effective depth (mbgl):	1.84	Elapsed time (mins):	#N/A
Base of soakage zone (mbgl):	2.10		
Volume outflow between 75% and 25% effective depth (m^3):			
Mean surface area of outflow (m^2): (side area at 50% effective depth + base area)			4.79
Time for outflow between 75% and 25% effective depth (mins):			

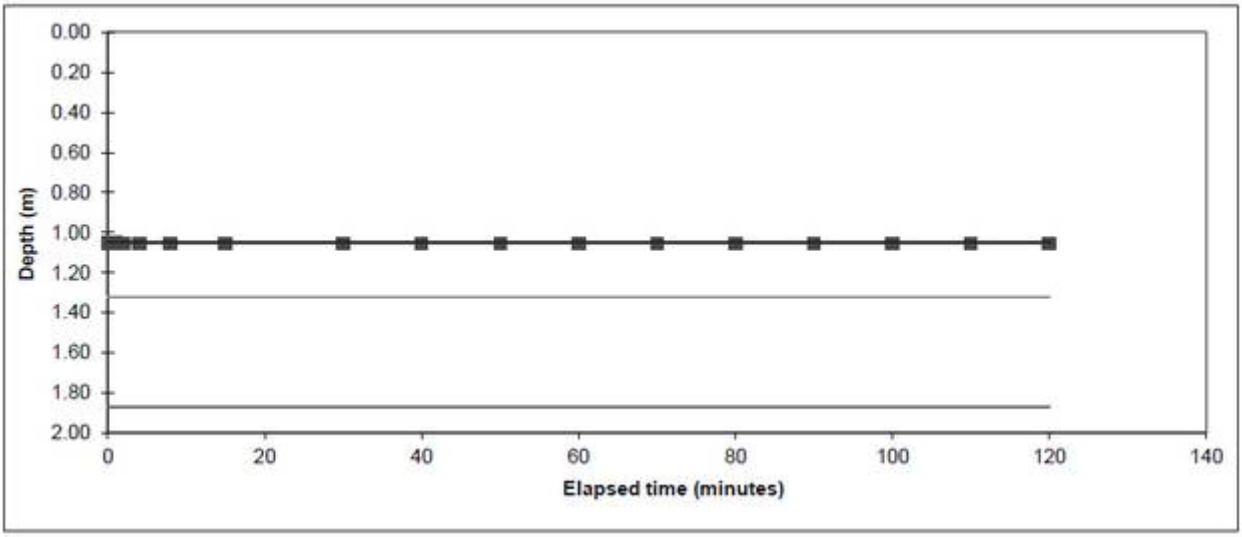
Soil infiltration rate (m/s):	**Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate.**

Remarks Results processed following BRE 365 (2007).

TITLE:	TP1 – Soakaway Test Results		
CLIENT:	DJ Atkinson Construction Ltd		
DATE: Sept. 2016	JOB No: 1177	FIGURE: 002	

Trial Pit No:	TP2	Test No:	1	Date:	15/09/2016
Length (m):	2.200		Datum Height:	0.00	m agl
Width (m):	0.70		Granular infill:	None	
Depth (m):	2.14		Porosity of infill:	1	(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.050	110	1.055
1	1.050	120	1.055
2	1.055		
4	1.055		
8	1.055		
15	1.055		
30	1.055		
40	1.055		
50	1.055		
60	1.055		
70	1.055		
80	1.055		
90	1.055		
100	1.055		



Start water depth for analysis (mbgl):	1.05		
75% effective depth (mbgl):	1.32	Elapsed time (mins):	#N/A
50% effective depth (mbgl):	1.60		
25% effective depth (mbgl):	1.87	Elapsed time (mins):	#N/A
Base of soakage zone (mbgl):	2.14		
Volume outflow between 75% and 25% effective depth (m^3):			
Mean surface area of outflow (m^2): (side area at 50% effective depth + base area)			4.67
Time for outflow between 75% and 25% effective depth (mins):			

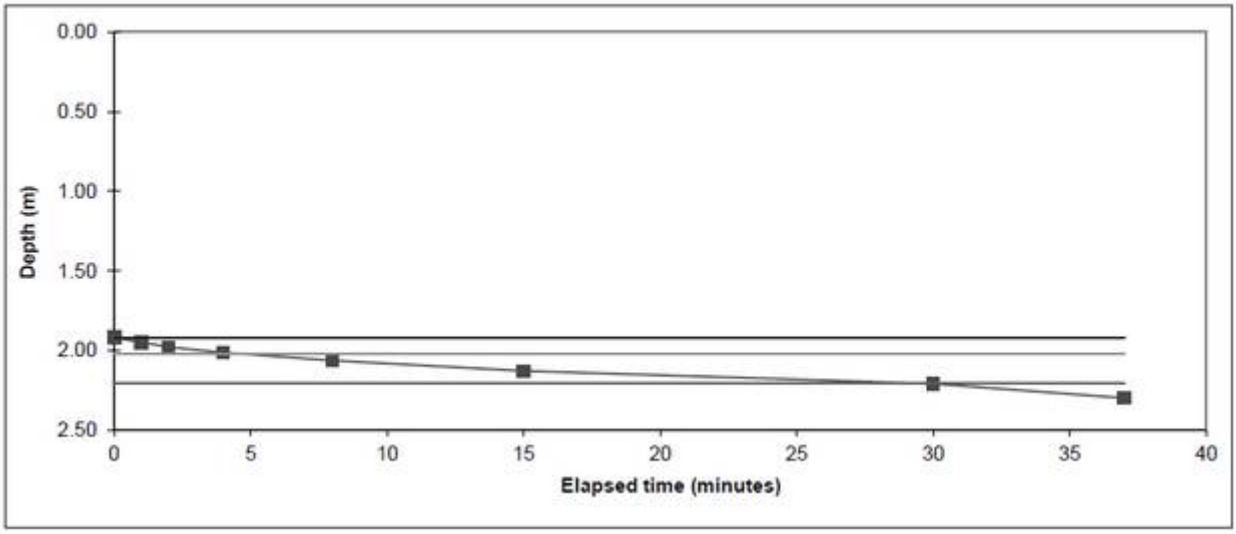
Soil infiltration rate (m/s):	**Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate.**

Remarks Results processed following BRE 365 (2007).

TITLE:	TP2 – Soakaway Test Results		
CLIENT:	DJ Atkinson Construction Ltd		
DATE: Sept. 2016	JOB No: 1177	FIGURE: 003	

Trial Pit No:	TP3	Test No:	1	Date:	15/09/2016
Length (m):	2.200		Datum Height:	0.00	m agl
Width (m):	0.70		Granular infill:	None	
Depth (m):	2.30		Porosity of infill:	1	(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.920		
1	1.950		
2	1.980		
4	2.015		
8	2.065		
15	2.130		
30	2.210		
37	2.300		



Start water depth for analysis (mbgl):	1.92		
75% effective depth (mbgl):	2.02	Elapsed time (mins):	4.4
50% effective depth (mbgl):	2.11		
25% effective depth (mbgl):	2.21	Elapsed time (mins):	30.0
Base of soakage zone (mbgl):	2.30		

Volume outflow between 75% and 25% effective depth (m^3):	0.293
Mean surface area of outflow (m^2): (side area at 50% effective depth + base area)	2.64
Time for outflow between 75% and 25% effective depth (mins):	25.6

Soil infiltration rate (m/s):	**7.2E-5**

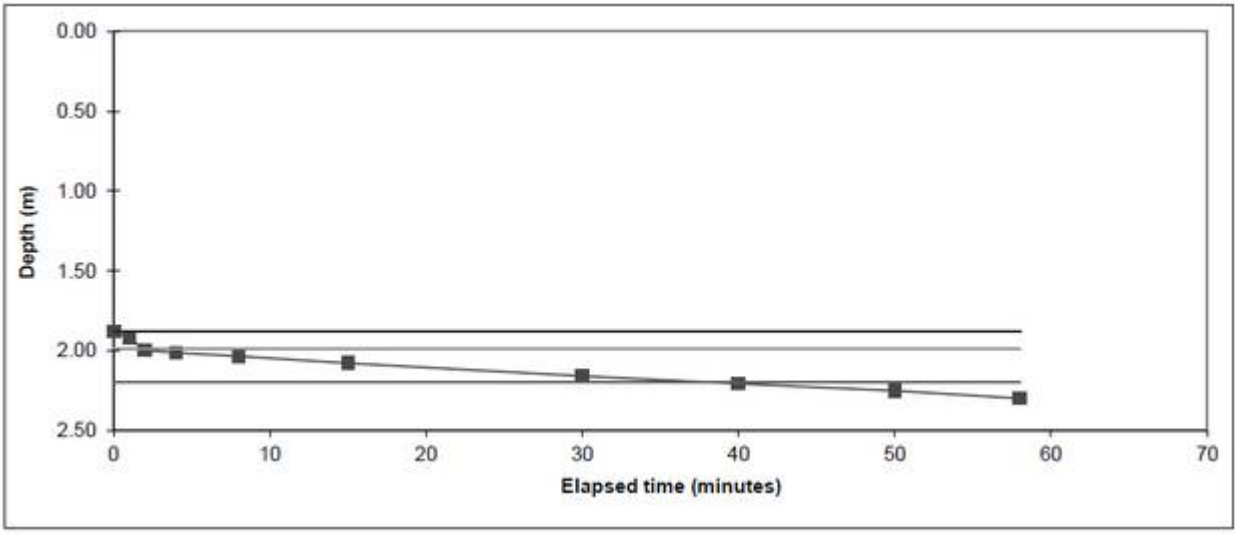
Remarks Results processed following BRE 365 (2007).

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TITLE:	TP3 (i) – Soakaway Test Results		
CLIENT:	DJ Atkinson Construction Ltd		
DATE: Sept. 2016	JOB No: 1177	FIGURE: 004	

Trial Pit No:	TP3	Test No:	2	Date:	15/09/2016
Length (m):	2.200		Datum Height:	0.00	m agl
Width (m):	0.70		Granular infill:	None	
Depth (m):	2.30		Porosity of infill:	1	(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.880		
1	1.920		
2	1.999		
4	2.015		
8	2.035		
15	2.080		
30	2.160		
40	2.209		
50	2.252		
58	2.300		



Start water depth for analysis (mbgl):	1.88		
75% effective depth (mbgl):	1.99	Elapsed time (mins):	1.9
50% effective depth (mbgl):	2.09		
25% effective depth (mbgl):	2.20	Elapsed time (mins):	38.2
Base of soakage zone (mbgl):	2.30		
Volume outflow between 75% and 25% effective depth (m^3):		0.323	
Mean surface area of outflow (m^2): (side area at 50% effective depth + base area)		2.76	
Time for outflow between 75% and 25% effective depth (mins):		36.3	

Soil infiltration rate (m/s):	**5.4E-5**

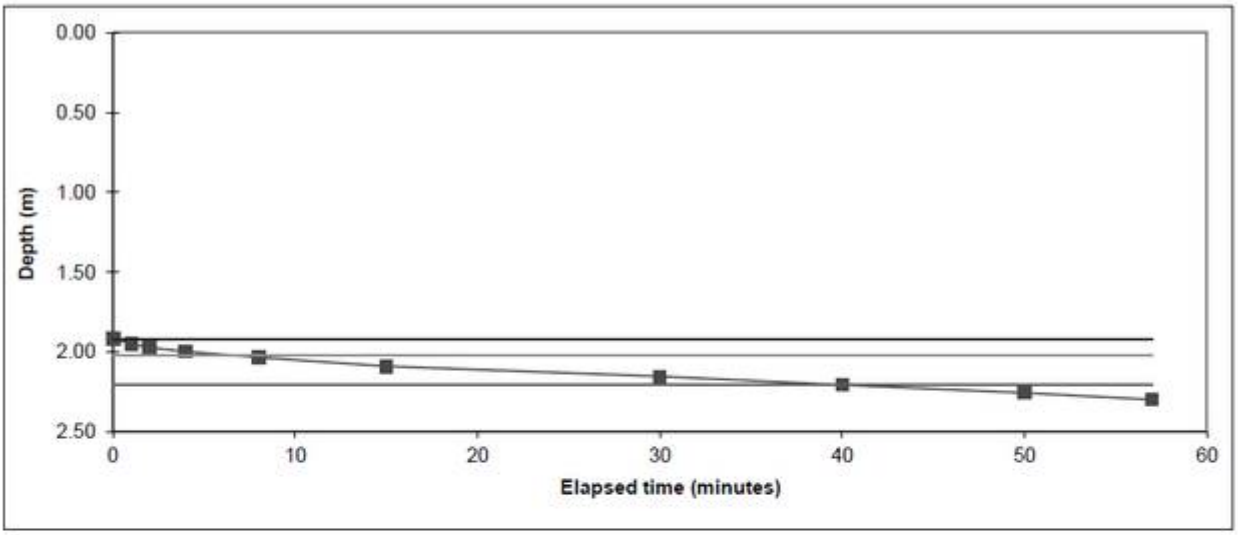
Remarks Results processed following BRE 365 (2007).

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TITLE:	TP3 (ii) – Soakaway Test Results		
CLIENT:	DJ Atkinson Construction Ltd		
DATE: Sept. 2016	JOB No: 1177	FIGURE: 005	

Trial Pit No:	TP3	Test No:	3	Date:	15/09/2016
Length (m):	2.200		Datum Height:	0.00 m agl	
Width (m):	0.70		Granular infill:	None	
Depth (m):	2.30		Porosity of infill:	1	(assumed)

Elapsed time (minutes)	Water Depth (m below datum)	Elapsed time (minutes)	Water Depth (m below datum)
0	1.920		
1	1.950		
2	1.975		
4	2.000		
8	2.035		
15	2.092		
30	2.155		
40	2.209		
50	2.258		
57	2.300		



Start water depth for analysis (mbgl):	1.92		
75% effective depth (mbgl):	2.02	Elapsed time (mins):	6.3
50% effective depth (mbgl):	2.11		
25% effective depth (mbgl):	2.21	Elapsed time (mins):	40.2
Base of soakage zone (mbgl):	2.30		
Volume outflow between 75% and 25% effective depth (m^3):		0.293	
Mean surface area of outflow (m^2): (side area at 50% effective depth + base area)		2.64	
Time for outflow between 75% and 25% effective depth (mins):		33.9	

Soil infiltration rate (m/s):	**5.4E-5**

Remarks Results processed following BRE 365 (2007).

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TITLE:	TP3 (iii) – Soakaway Test Results		
CLIENT:	DJ Atkinson Construction Ltd		
DATE: Sept. 2016	JOB No: 1177	FIGURE: 006	