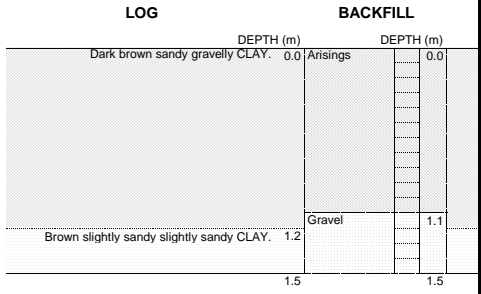
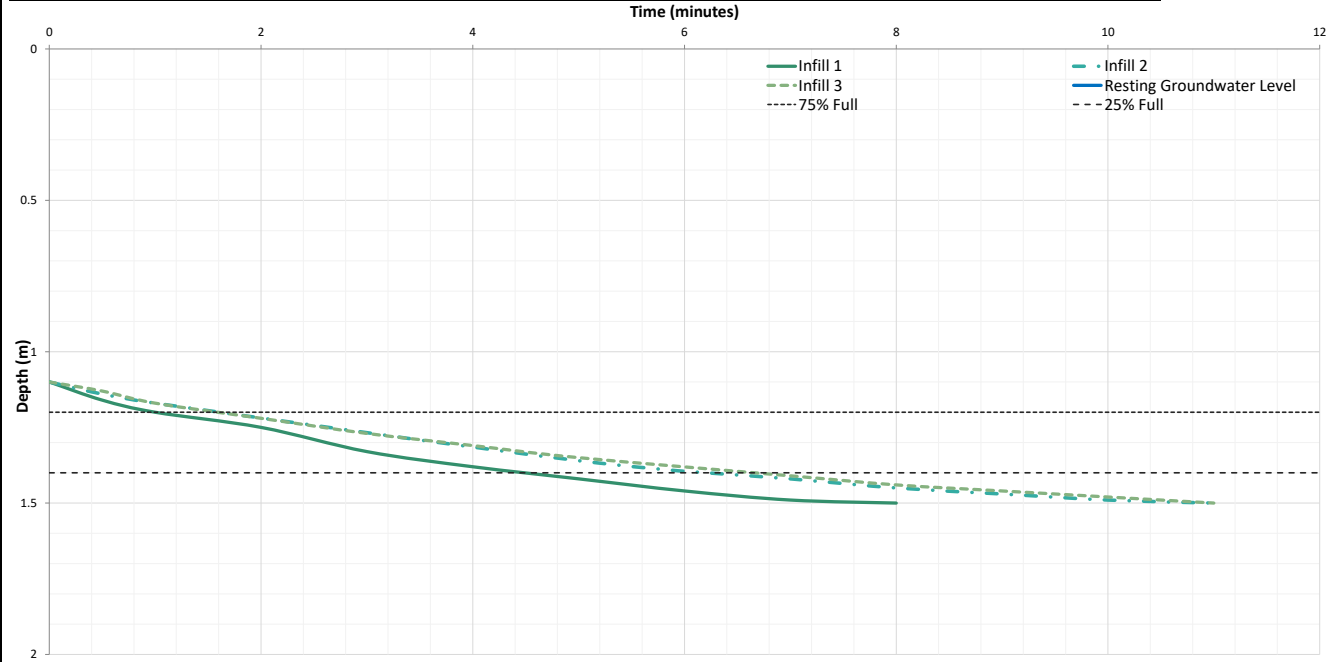


	units	Infill 1	Infill 2	Infill 3
Length	m		1.70	
Width	m		0.60	
Depth	m		1.50	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	1.10	1.10	1.10
Depth of final reading	m	1.50	1.50	1.50
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Did soakage test reach near empty?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	1.20	1.20	1.20
Depth at 25% full/effective depth	m	1.40	1.40	1.40
Time at 75% full/effective depth	mins	1.00	1.63	1.60
Time at 25% full/effective depth	mins	4.50	6.33	6.67
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m ³	0.07	0.07	0.07
Mean surface area for outflow (50% full/effective depth)	m ²	1.94	1.94	1.94
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	3.50	4.70	5.07
Soil infiltration rate, f =	m/s	0.00017526	0.00013046	0.00012107
or	m/s	1.8E-04	1.3E-04	1.2E-04

Recommended soil infiltration rate	
1.2E-04	m/s

Note:
Where water level reaches nearly empty (5% full), soil infiltration based on 'Full' depth. Where water level did not reach nearly empty (5% full), soil infiltration rate is based on 'Effective' drainage achieved only. Where water level did not fall below 25% of the maximum fill level, this is considered to be a 'Failed' test.



TITLE: Soakaway Test Results
 Fernside Avenue, Almondbury
 TH3M

In accordance with BRE Digest 365 (2016)

DRAWN BY: TS	SCALE: Not to Scale	PROJECT NUMBER: 19-0307.02
CHECKED BY: DJ	REVISION: 1	SOAKAWAY NUMBER: SA101
DATE: 16/04/2019		