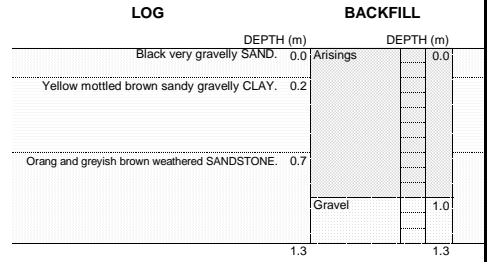
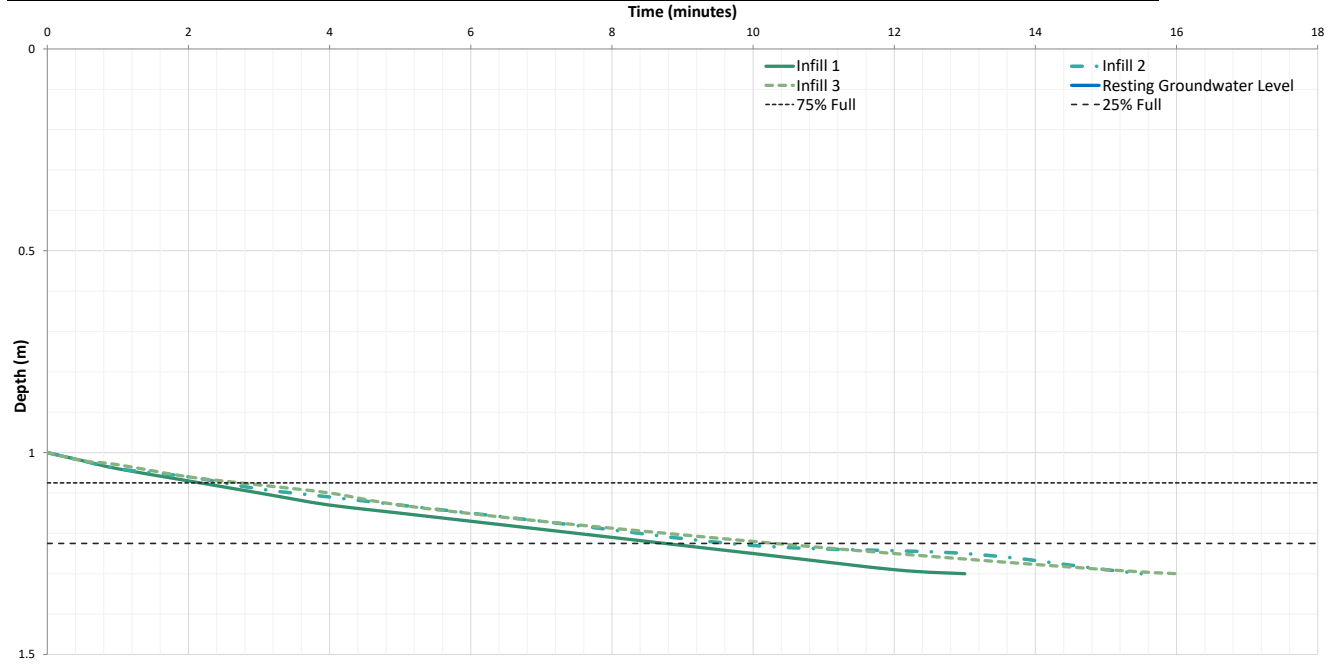


	units	Infill 1	Infill 2	Infill 3
Length	m		2.00	
Width	m		0.60	
Depth	m		1.30	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	1.00	1.00	1.00
Depth of final reading	m	1.30	1.30	1.30
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Did soakage test reach near empty?		Yes	Yes	Yes
Depth at 75% full/effective depth	m	1.08	1.08	1.08
Depth at 25% full/effective depth	m	1.23	1.23	1.23
Time at 75% full/effective depth	mins	2.17	2.50	2.75
Time at 25% full/effective depth	mins	8.75	9.75	10.33
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m ³	0.06	0.06	0.06
Mean surface area for outflow (50% full/effective depth)	m ²	1.98	1.98	1.98
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	6.58	7.25	7.58
Soil infiltration rate, f =	m/s	0.00008055	0.00007315	0.00006993
or	m/s	8.1E-05	7.3E-05	7.0E-05

Recommended soil infiltration rate	
7.0E-05	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: SA102
DATE: 16/04/2019		