

	units	Infill 1	Infill 2	Infill 3
Length	m		1.70	
Width	m		0.60	
Depth	m		2.20	
Gravel type			Standard	
Voids ratio			0.35	
Resting groundwater level at time of testing	m		Dry	
Depth of first reading	m	1.70	1.70	1.70
Depth of final reading	m	2.20	2.09	2.08
Did soakage test reach 25% of maximum fill depth?		Yes	Yes	Yes
Did soakage test reach near empty?		Yes	No	No
Depth at 75% full/effective depth	m	1.83	1.80	1.80
Depth at 25% full/effective depth	m	2.08	1.99	1.99
Time at 75% full/effective depth	mins	11.20	7.75	7.75
Time at 25% full/effective depth	mins	362.21	97.50	95.00
Vp75 - 25 (volume outflowing between 75% and 25% full/effective depth)	m ³	0.09	0.07	0.07
Mean surface area for outflow (50% full/effective depth)	m ²	2.17	1.92	1.89
tp75 (time for the water level to fall from 75% to 25% full/effective depth)	mins	351.01	89.75	87.25
Soil infiltration rate, f =	m/s	0.00000195	0.00000674	0.00000684
or	m/s	2.0E-06	6.7E-06	6.8E-06

Recommended soil infiltration rate	
2.0E-06	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.

