

BRE 365 Method				BRE 365 Method				BRE 365 Method			
Width of Trial Pit		0.6 m		Width of Trial Pit		0.6 m		Width of Trial Pit		0.6 m	
Length of Trial Pit		1.9 m		Length of Trial Pit		1.9 m		Length of Trial Pit		1.9 m	
or				or				or			
Diameter of Borehole		0 m		Diameter of Borehole		0 m		Diameter of Borehole		0 m	
Surface area of pit		1.14 m ²		Surface area of pit		1.14 m ²		Surface area of pit		1.14 m ²	
Effective Depth (initial depth of water)		0.99 m		Effective Depth (initial depth of water)		0.94 m		Effective Depth (initial depth of water)			
Gravel Void Ratio		30.00%		Gravel Void Ratio		30.00%		Gravel Void Ratio			
V _{p75-25}	0.16929 m ³			V _{p75-25}	0.16074 m ³			V _{p75-25}	0.14706 m ³		
a _{p50}	3.615 m ²			a _{p50}	3.49 m ²			a _{p50}	3.29 m ²		
t _{p75-25}	time for water to fall from	0.7425 m		t _{p75-25}	time for water to fall from	0.705 m		t _{p75-25}	time for water to fall from		
	to	0.2475 m			to	0.235 m			to		
	t _{p75-25} =	133.8 s			t _{p75-25} =	125.4 s			t _{p75-25} =		
Infiltration rate = V _{p75-25} / (a _{p50} × t _{p75-25})				Infiltration rate = V _{p75-25} / (a _{p50} × t _{p75-25})				Infiltration rate = V _{p75-25} / (a _{p50} × t _{p75-25})			
Infiltration rate =		3.50E-04 m/s		Infiltration rate =		3.67E-04 m/s		Infiltration rate =		2.01E-04 m/s	