

Infiltration test

Based on Vidacycle's approach



CaSTCo

Making sure that people count at
the heart of rivers' recovery

01

Locate your chosen sample site

If you have done the test previously, use the GPS mapping feature on Soilmentor to find the same spot.

02

Clear vegetation

Remove all debris, weeds and vegetation where you aim to set the tube – either trim down or cut through with a knife.

03

Insert tube

Push tube into the bare soil so that it is at 3 inches (75mm) depth - with the soil inside

04

Firm soil

Firm soil gently on the inside of the tube. If using plastic wrap, cover soil and inside of tube with wrap to protect soil surface

05

Add water

Measure out 450ml of water, pour into the tube, and start timer

06

Stop timer and record

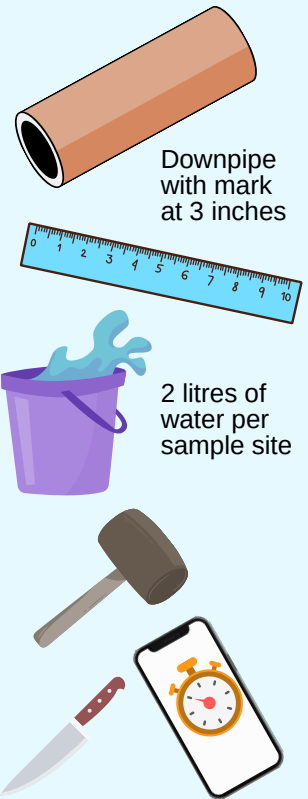
Stop timer when all the water has disappeared into the ground and the surface is just glistening. Record the time in Soilmentor to the nearest half minute under 'Infiltration rate – 1st inch (mins)'

07

Repeat steps 5-6

Record this second time in Soilmentor under 'Infiltration rate – (2nd inch) mins'. This second inch reading gives a better indication of your soil's 'real' infiltration rate – the first test may be just wetting the soil. If the soil is already saturated you may find there is little difference between the times.

Equipment



Downpipe
with mark
at 3 inches

2 litres of
water per
sample site



Video of the process:

