



Project Name	Bank Top Farm, Hollingworth	Location Reference:	SA1
Project Number	22019	Test Number:	1
Test Date	06/02/2025	Weather:	Dry, cold

INFILTRATION CALCULATION

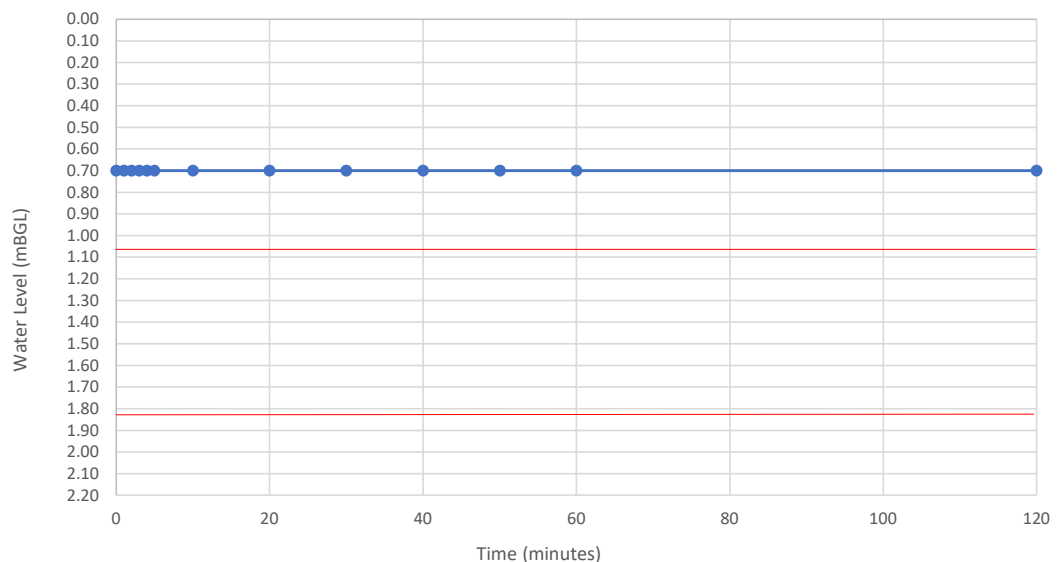
Using:

$$f = \frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$$

V_{p75-25}	The effective storage volume of water (m ³) in the trial pit between 75% and 25% effective depth	1.21
a_{p50}	The internal surface area of the trial pit (m ²) up to 50% effective depth and including the base area	6.11
t_{p75-25}	The time (s) for the water level to fall from 75% to 25% effective depth	0

Time at 75% Effective Depth (minutes)	
Time at 25% Effective Depth (minutes)	

Soil Infiltration Rate (f)	Test Failed to Reach 25% Effective Depth
m/s	Test Failed to Reach 25% Effective Depth
m/hour	Test Failed to Reach 25% Effective Depth





Project Name	Bank Top Farm, Hollingworth	Location Reference:	SA2
Project Number	22019	Test Number:	1
Test Date	06/02/2025	Weather:	Dry, cold

INFILTRATION CALCULATION

Using:

$$f = \frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$$

Where:

V_{p75-25}	The effective storage volume of water (m ³) in the trial pit between 75% and 25% effective depth	1.01
a_{p50}	The internal surface area of the trial pit (m ²) up to 50% effective depth and including the base area	5.43
t_{p75-25}	The time (s) for the water level to fall from 75% to 25% effective depth	0

2.50

0.70

2.00

3.50

0.85

1.15

1.14

0.58

1.71

11/11/2019

--	--

INFILTRATION RATE

Test Failed to Reach 25% Effective Depth

Test Failed to Reach 25% Effective Depth

Test Failed to Reach 25% Effective Depth

