

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	26.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/02		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:00		Time Filling Completed:			10:01	
Depth to Water at Start of Test:	0.36						
Effective Depths:	75%:		0.47	50%:	0.58	25%:	0.69

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	26.01.26	Weather:	Light rain / Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/03		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.9	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:00		Time Filling Completed:			11:01	
Depth to Water at Start of Test:	0.38						
Effective Depths:	75%:		0.50	50%:	0.62	25%:	0.73

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>26.01.26</i>	Weather:	<i>Light rain / Cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/03		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.2		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:00		Time Filling Completed:		11:01		
Depth to Water at Start of Test:	0.38						
Effective Depths:	75%:		0.57	50%:	0.77	25%:	0.96

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
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Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	27.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/04		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:00		Time Filling Completed:		09:01		
Depth to Water at Start of Test:	0.3						
Effective Depths:	75%:		0.43	50%:	0.55	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	27.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/04		Test	1	of	1	
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.1	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:00		Time Filling Completed:			11:01	
Depth to Water at Start of Test:	0.33						
Effective Depths:	75%:	0.52	50%:	0.72	25%:	0.91	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation may be required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/04
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.330	
	0.5	30	0.330	
	1	60	0.330	
	1.5	90	0.330	
	2	120	0.330	
	3	180	0.330	
	4	240	0.330	
	5	300	0.330	
	6	360	0.330	
	7	420	0.330	
	8	480	0.330	
	9	540	0.330	
	10	600	0.330	
	12	720	0.330	
	30	1800	0.330	
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ Vp75-25: 0.46 m3 ap50: 3.202 m2 tp75-25 0 secs f = #DIV/0! m/s

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Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	27.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/08		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:30		Time Filling Completed:		11:31		
Depth to Water at Start of Test:	0.45						
Effective Depths:	75%:		0.54	50%:	0.63	25%:	0.71

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	27.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/09		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.9	
Depth to Groundwater (m):	-						
Time Filling Commenced:	14:30		Time Filling Completed:			14:31	
Depth to Water at Start of Test:	0.36						
Effective Depths:	75%:		0.48	50%:	0.61	25%:	0.73

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>27.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/09		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.1		
Depth to Groundwater (m):	-						
Time Filling Commenced:	15:01		Time Filling Completed:		15:02		
Depth to Water at Start of Test:	0.43						
Effective Depths:	75%:		0.60	50%:	0.77	25%:	0.93

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/10		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:00		Time Filling Completed:			09:01	
Depth to Water at Start of Test:	0.29						
Effective Depths:	75%:		0.41	50%:	0.52	25%:	0.64

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	06.01.26	Weather:	Cloudy / rain

TEST PIT DETAILS							
Trial Pit Number:	SA/10 Test 2		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:10		Time Filling Completed:			11:11	
Depth to Water at Start of Test:	0.31						
Effective Depths:	75%:	0.42	50%:	0.53	25%:	0.64	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/10 Test 2
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.320	
	0.5	30	0.320	
	1	60	0.320	
	1.5	90	0.320	
	2	120	0.320	
	3	180	0.330	
	4	240	0.330	
	5	300	0.330	
	6	360	0.330	
	7	420	0.330	
	8	480	0.340	
	10	600	0.340	
	15	900	0.340	
	20	1200	0.340	
	25	1500	0.340	
	30	1800	0.340	
	40	2400	0.340	
	45	2700	0.340	
	60	3600	0.340	
	90	5400		
	120	7200		
		0		
		0		
		0		
		0		
		0		
		0		
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.26 m ³ a _{p50} : 2.344 m ² t _{p75-25} : 0 secs f = #DIV/0! m/s

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Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/10		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:30		Time Filling Completed:			09:31	
Depth to Water at Start of Test:	0.34						
Effective Depths:	75%:	0.51	50%:	0.67	25%:	0.84	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/10
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.340	
	0.5	30	0.340	
	1	60	0.340	
	1.5	90	0.340	
	2	120	0.350	
	3	180	0.350	
	4	240	0.350	
	6	360	0.360	
	10	600	0.380	
	13	780	0.410	
	30	1800	0.420	
	63	3780	0.420	
	83	4980	0.430	
	105	6300	0.430	
	150	9000	0.430	
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				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.40 m ³ a _{p50} : 2.916 m ² t _{p75-25} : 0 secs f = #DIV/0! m/s

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GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/11		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.7	
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:45		Time Filling Completed:			12:46	
Depth to Water at Start of Test:	0.29						
Effective Depths:	75%:	0.40	50%:	0.52	25%:	0.63	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/11
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.290	
	0.5	30	0.290	
	1	60	0.300	
	1.5	90	0.300	
	2	120	0.300	
	3	180	0.300	
	4	240	0.300	
	6	360	0.330	
	10	600	0.350	
	29	1740	0.380	
	60	3600	0.400	
	82	4920	0.410	
	107	6420	0.420	
	133	7980	0.420	
	146	8760		
		0		
		0		
		0		
		0		
		0		
		0		
		0		
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		0		
		0		
				t at 75% Effective Depth: 3600 secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.27 m3 a _{p50} : 2.37 m2 t _{p75-25} : -3600 secs f = -3.16E-05 m/s

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GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/11		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.0		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:42		Time Filling Completed:		12:43		
Depth to Water at Start of Test:	0.34						
Effective Depths:	75%:		0.50	50%:	0.67	25%:	0.83

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>06.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/11 Test 2		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.7		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:40		Time Filling Completed:		11:41		
Depth to Water at Start of Test:	0.29						
Effective Depths:	75%:		0.40	50%:	0.52	25%:	0.63

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/12		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:00		Time Filling Completed:		12:01		
Depth to Water at Start of Test:	0.26						
Effective Depths:	75%:		0.38	50%:	0.51	25%:	0.63

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

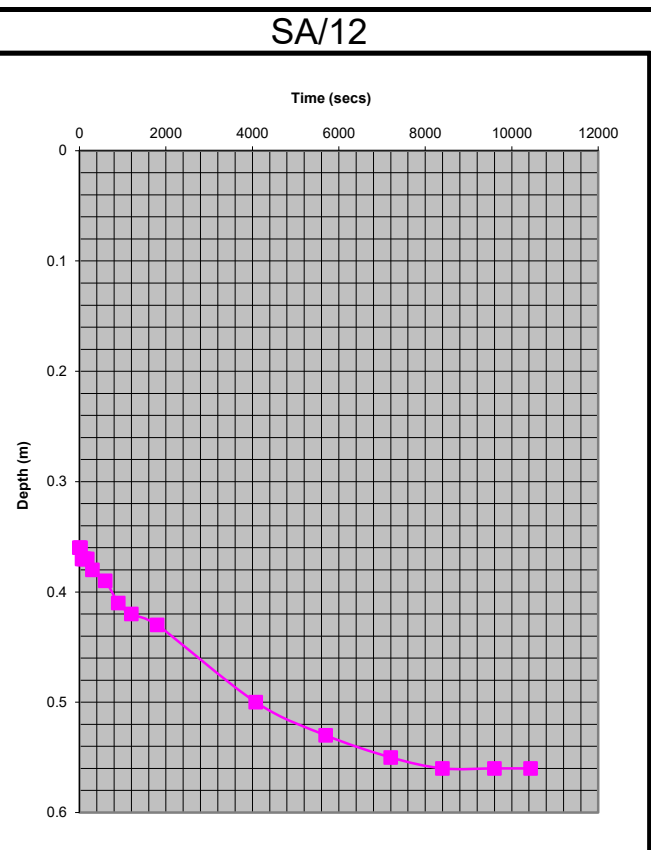
Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/12		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:08		Time Filling Completed:			12:09	
Depth to Water at Start of Test:	0.36						
Effective Depths:	75%:	0.52	50%:	0.68	25%:	0.84	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]t at 75% Effective Depth: **5500** secs

t at 25% Effective Depth: secs

$$\text{Infiltration Rate } f = V_{p75-25} / a_{p50} \times t_{p75-25}$$

Vp75-25: **0.38** m3

ap50: **2.864** m2

tp75-25 **-5500** secs

f = -2.44E-05 m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

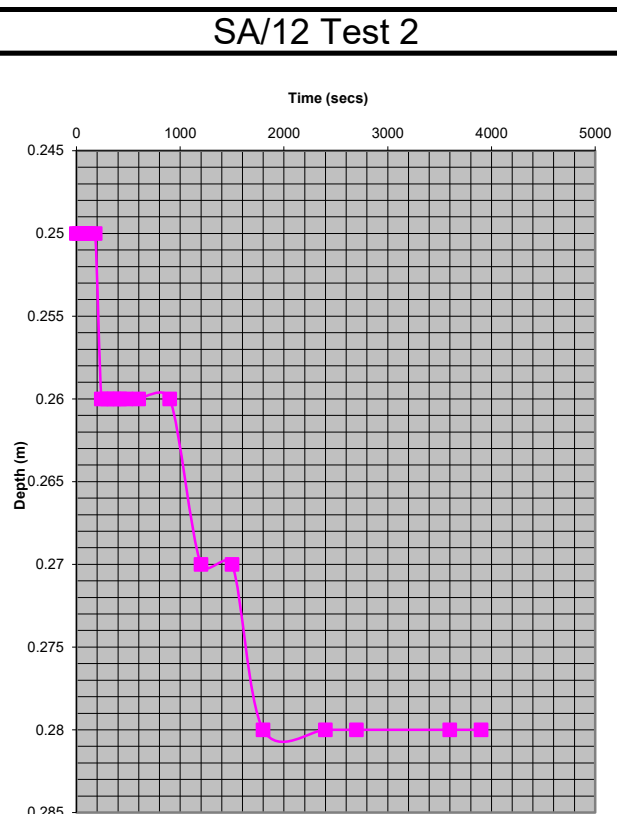
Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>06.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/12 Test 2		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.0		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:55		Time Filling Completed:			12:56	
Depth to Water at Start of Test:	0.25						
Effective Depths:	75%:		0.44	50%:	0.63	25%:	0.81

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

t at 75% Effective Depth: secs

t at 25% Effective Depth: secs

$$\text{Infiltration Rate } f = V_{p75-25} / a_{p50} \times t_{p75-25}$$

Vp75-25: **0.45** m3

ap50: **3.15** m2

tp75-25 **0** secs

f = #DIV/0! m/s

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

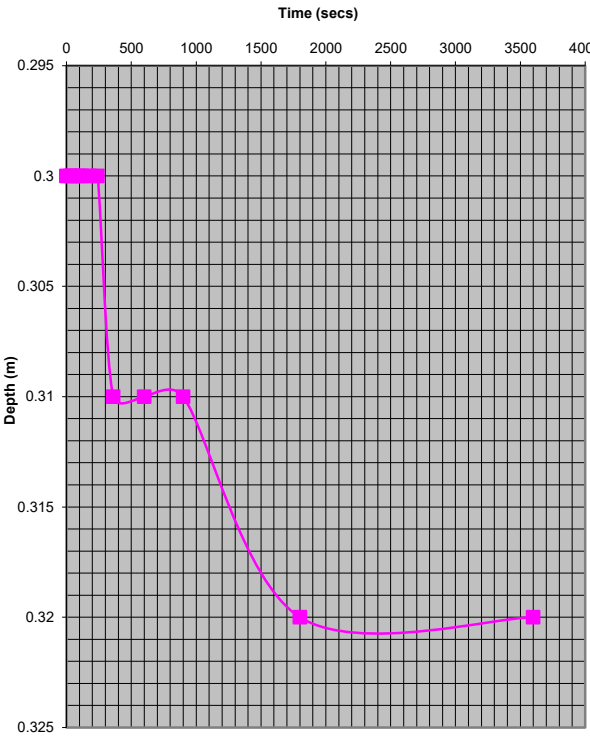
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/13		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:01		Time Filling Completed:			11:02	
Depth to Water at Start of Test:	0.3						
Effective Depths:	75%:		0.42	50%:	0.54	25%:	0.66

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/13	
Time	t (mins)	t (secs)	Depth to Water (m)		
	0	0	0.300		
	0.5	30	0.300		
	1	60	0.300		
	1.5	90	0.300		
	2	120	0.300		
	3	180	0.300		
	4	240	0.300		
	6	360	0.310		
	10	600	0.310		
	15	900	0.310		
	30	1800	0.320		
	60	3600	0.320		
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**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>28.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/13		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:30		Time Filling Completed:			11:31	
Depth to Water at Start of Test:	0.36						
Effective Depths:	75%:		0.53	50%:	0.70	25%:	0.86

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/14		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:45		Time Filling Completed:		11:46		
Depth to Water at Start of Test:	0.36						
Effective Depths:	75%:		0.48	50%:	0.59	25%:	0.71

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	28.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/14		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.1		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:15		Time Filling Completed:		12:16		
Depth to Water at Start of Test:	0.39						
Effective Depths:	75%:		0.56	50%:	0.73	25%:	0.90

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA			
Time	t (mins)	t (secs)	Depth to Water (m)
	0	0	0.390
	0.5	30	0.390
	1	60	0.390
	1.5	90	0.390
	2	120	0.390
	3	180	0.390
	4	240	0.390
	5	300	0.400
	6	360	0.400
	7	420	0.400
	8	480	0.400
	9	540	0.400
	10	600	0.410
	12	720	0.410
	14	840	0.410
	16	960	0.410
	18	1080	0.410
	20	1200	0.410
	25	1500	0.420
	30	1800	0.420
	40	2400	0.420
	80	4800	0.420
		0	
		0	
		0	
		0	
		0	

SA/14

t at 75% Effective Depth: secs
t at 25% Effective Depth: secs

Infiltration Rate f = Vp75-25 / ap50 x tp75-25

Vp75-25: **0.41** m3
ap50: **2.968** m2
tp75-25 **0** secs

f = #DIV/0! m/s

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/16		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:01		Time Filling Completed:			11:02	
Depth to Water at Start of Test:	0.24						
Effective Depths:	75%:		0.42	50%:	0.60	25%:	0.77

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/16		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.7		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:11		Time Filling Completed:		11:12		
Depth to Water at Start of Test:	0.25						
Effective Depths:	75%:		0.61	50%:	0.98	25%:	1.34

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/19		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:47		Time Filling Completed:			11:48	
Depth to Water at Start of Test:	0.28						
Effective Depths:	75%:		0.40	50%:	0.52	25%:	0.63

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/19
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.280	
	0.5	30	0.280	
	1	60	0.280	
	1.5	90	0.280	
	2	120	0.280	
	3	180	0.280	
	4	240	0.280	
	5	300	0.290	
	6	360	0.290	
	7	420	0.290	
	8	480	0.290	
	9	540	0.290	
	10	600	0.290	
	12	720	0.290	
	14	840	0.290	
	16	960	0.300	
	18	1080	0.300	
	20	1200	0.310	
	25	1500	0.320	
	30	1800	0.320	
	70	4200	0.350	t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ Vp75-25: 0.28 m3 ap50: 2.422 m2 tp75-25 0 secs f = #DIV/0! m/s
	120	7200	0.370	
	150	9000	0.370	
		0		
		0		
		0		
		0		

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Light rain / cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/19		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.0		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:51		Time Filling Completed:		11:52		
Depth to Water at Start of Test:	0.29						
Effective Depths:	75%:		0.47	50%:	0.65	25%:	0.82

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>29.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/20		Test 1 of 3				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:28		Time Filling Completed:		12:29		
Depth to Water at Start of Test:	0.5						
Effective Depths:	75%:		0.58	50%:	0.65	25%:	0.73

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

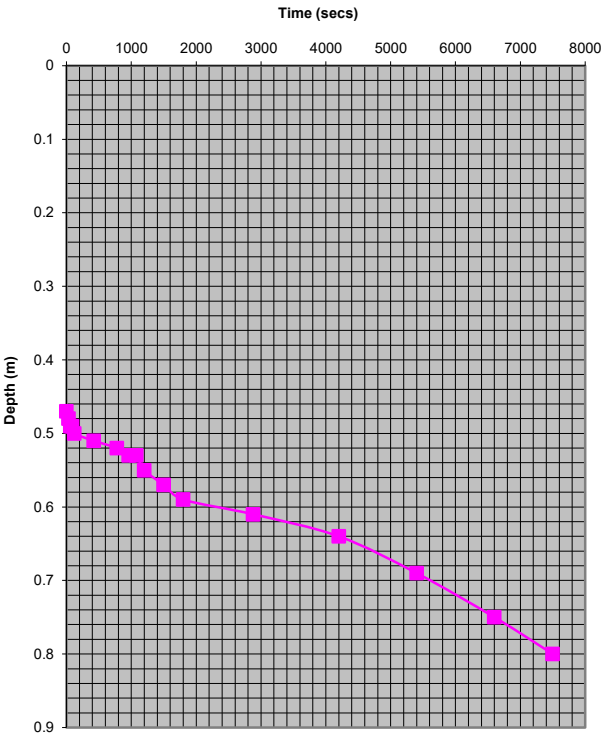
Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>30.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/20		Test 2 of 3				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:30		Time Filling Completed:		10:31		
Depth to Water at Start of Test:	0.47						
Effective Depths:	75%:		0.55	50%:	0.64	25%:	0.72

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/20	
Time	t (mins)	t (secs)	Depth to Water (m)		
	0	0	0.470		
	0.5	30	0.480		
	1	60	0.490		
	1.5	90	0.490		
	2	120	0.500		
	7	420	0.510		
	13	780	0.520		
	16	960	0.530		
	18	1080	0.530		
	20	1200	0.550		
	25	1500	0.570		
	30	1800	0.590		
	48	2880	0.610		
	70	4200	0.640		
	90	5400	0.690		
	110	6600	0.750		
	125	7500	0.800		
		0		t at 75% Effective Depth: <u>1200</u> secs	
		0		t at 25% Effective Depth: <u>5950</u> secs	
		0		Infiltration Rate f = Vp75-25 / ap50 x tp75-25	
		0		Vp75-25: 0.20 m3	
		0		ap50: 2.058 m2	
		0		tp75-25 4750 secs	
		0		f = 2.03E-05 m/s	

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>30.01.26</i>	Weather:	<i>Light rain / cloudy</i>

TEST PIT DETAILS

Trial Pit Number:	SA/20		Test 3 of 3				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:57		Time Filling Completed:			11:58	
Depth to Water at Start of Test:	0.43						
Effective Depths:	75%:		0.51	50%:	0.59	25%:	0.67

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Light rain / cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/20		Test 1 of 2				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.1	
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:19		Time Filling Completed:			12:20	
Depth to Water at Start of Test:	0.34						
Effective Depths:	75%:		0.52	50%:	0.70	25%:	0.87

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	30.01.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/20		Test 2 of 2				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.1		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:45		Time Filling Completed:			10:46	
Depth to Water at Start of Test:	0.3						
Effective Depths:	75%:		0.49	50%:	0.68	25%:	0.86

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

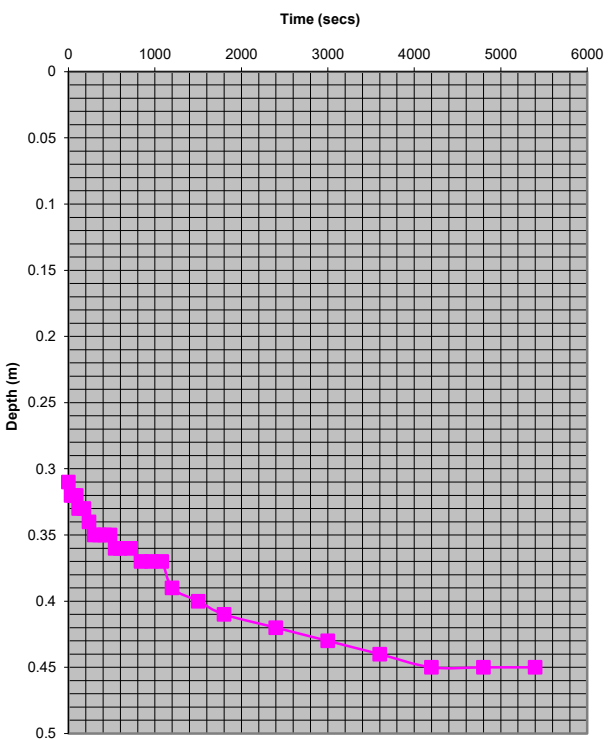
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/20b		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:54		Time Filling Completed:			10:55	
Depth to Water at Start of Test:	0.31						
Effective Depths:		75%:	0.43	50%:	0.56	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/20b	
Time	t (mins)	t (secs)	Depth to Water (m)		
	0	0	0.310		
	0.5	30	0.320		
	1	60	0.320		
	1.5	90	0.320		
	2	120	0.330		
	3	180	0.330		
	4	240	0.340		
	5	300	0.350		
	6	360	0.350		
	7	420	0.350		
	8	480	0.350		
	9	540	0.360		
	10	600	0.360		
	12	720	0.360		
	14	840	0.370		
	16	960	0.370		
	18	1080	0.370		
	20	1200	0.390		
	25	1500	0.400		
	30	1800	0.410		
	40	2400	0.420		
	50	3000	0.430		
	60	3600	0.440		
	70	4200	0.450		
	80	4800	0.450		
	90	5400	0.450		
		0		t at 75% Effective Depth: secs	
				t at 25% Effective Depth: secs	
				Infiltration Rate f = Vp75-25 / ap50 x tp75-25	
				Vp75-25: 0.29 m3	
				ap50: 2.474 m2	
				tp75-25 0 secs	
				f = #DIV/0! m/s	

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/20b		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.1		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:05		Time Filling Completed:			11:06	
Depth to Water at Start of Test:	0.34						
Effective Depths:	75%:		0.52	50%:	0.70	25%:	0.87

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/20c		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.7		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:54		Time Filling Completed:		10:55		
Depth to Water at Start of Test:	0.23						
Effective Depths:	75%:		0.35	50%:	0.47	25%:	0.58

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/20c		Test 1 of 2				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.0		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:23		Time Filling Completed:		10:24		
Depth to Water at Start of Test:	0.31						
Effective Depths:	75%:		0.47	50%:	0.63	25%:	0.79

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/20c	
Time	t (mins)	t (secs)	Depth to Water (m)		
11:40	0	0	0.310		
	0.5	30	0.320		
	1	60	0.330		
	1.5	90	0.340		
	2	120	0.350		
	3	180	0.360		
	4	240	0.370		
	5	300	0.385		
	6	360	0.400		
	7	420	0.410		
	8	480	0.420		
	9	540	0.420		
	10	600	0.430		
	12	720	0.440		
	14	840	0.440		
	16	960	0.450		
	18	1080	0.450		
	20	1200	0.450		
	25	1500	0.460		
	30	1800	0.470		
	40	2400	0.480		
	50	3000	0.490		
	60	3600	0.510		
	70	4200	0.530		
	87	5220	0.550		
	110	6600	0.560		
	128	7680	0.570		
	163	9780	0.600		
	180	10800	0.610		
15:10	210	12600	0.630		
09:00	1070	64200	0.860		

t at 75% Effective Depth: **3300** secs

t at 25% Effective Depth: secs

Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$

V_{p75-25}: **0.38** m3

ap₅₀: **2.864** m2

tp₇₅₋₂₅ **-3300** secs

f = -4.06E-05 m/s

Test 1 ended 15:10. Test 2 done next morning

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

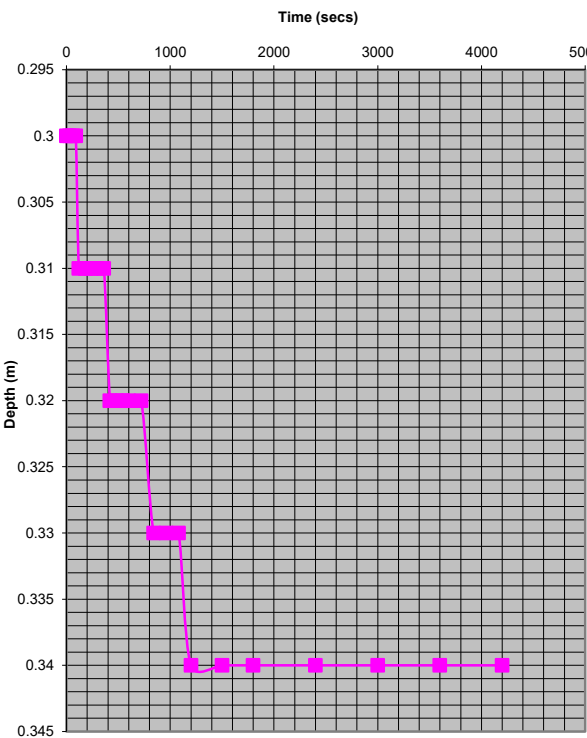
Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	06.02.26	Weather:	Cloudy / Light rain	

TEST PIT DETAILS

Trial Pit Number:	SA/20c		Test 2 of 2				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:02		Time Filling Completed:			09:03	
Depth to Water at Start of Test:	0.3						
Effective Depths:	75%:		0.46	50%:	0.63	25%:	0.79

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/20c	
Time	t (mins)	t (secs)	Depth to Water (m)		
	0	0	0.300		
	0.5	30	0.300		
	1	60	0.300		
	1.5	90	0.300		
	2	120	0.310		
	3	180	0.310		
	4	240	0.310		
	5	300	0.310		
	6	360	0.310		
	7	420	0.320		
	8	480	0.320		
	9	540	0.320		
	10	600	0.320		
	12	720	0.320		
	14	840	0.330		
	16	960	0.330		
	18	1080	0.330		
	20	1200	0.340		
	25	1500	0.340		
	30	1800	0.340		
	40	2400	0.340		
	50	3000	0.340		
	60	3600	0.340		
	70	4200	0.340		
		0		t at 75% Effective Depth: secs	
		0		t at 25% Effective Depth: secs	
		0		Infiltration Rate f = Vp75-25 / ap50 x tp75-25	
		0		Vp75-25: 0.39 m3	
		0		ap50: 2.89 m2	
		0		tp75-25 0 secs	
				f = #DIV/0! m/s	

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	<i>SA/20d</i>		Test 1 of 1				
Length (m):	<i>2.0</i>	Width (m):	<i>0.6</i>	Depth (m):	<i>0.8</i>		
Depth to Groundwater (m):	-						
Time Filling Commenced:	<i>13:01</i>		Time Filling Completed:			<i>13:02</i>	
Depth to Water at Start of Test:	<i>0.21</i>						
Effective Depths:	75%:		<i>0.35</i>	50%:	<i>0.48</i>	25%:	<i>0.62</i>

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

TEST DATA				SA/20d
Time	t (mins)	t (secs)	Depth to Water (m)	Time (secs) 0100020003000400050006000 0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 Depth (m)
	0	0	0.210	
	0.5	30	0.220	
	1	60	0.220	
	1.5	90	0.220	
	2	120	0.230	
	3	180	0.230	
	4	240	0.240	
	5	300	0.250	
	6	360	0.250	
	7	420	0.260	
	8	480	0.260	
	9	540	0.270	
	10	600	0.280	
	12	720	0.280	
	14	840	0.290	
	16	960	0.290	
	18	1080	0.300	
	20	1200	0.300	
	25	1500	0.310	
	30	1800	0.310	
	40	2400	0.320	
	50	3000	0.330	
	60	3600	0.330	
	70	4200	0.330	
	80	4800	0.330	
		0		
		0		
		0		
		0		
		0		

t at 75% Effective Depth: secs

t at 25% Effective Depth: secs

Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$

Vp75-25: 0.32 m3

ap50: 2.604 m2

tp75-25 0 secs

f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05.02.26	Weather:	Cloudy / light rain

TEST PIT DETAILS							
Trial Pit Number:	SA/20d		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	1.0	
Depth to Groundwater (m):	-						
Time Filling Commenced:	13:10		Time Filling Completed:			13:11	
Depth to Water at Start of Test:	0.25						
Effective Depths:	75%:	0.44	50%:	0.63	25%:	0.81	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation may be required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/20d
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.250	
	0.5	30	0.250	
	1	60	0.250	
	1.5	90	0.250	
	2	120	0.250	
	3	180	0.250	
	4	240	0.250	
	5	300	0.250	
	6	360	0.250	
	7	420	0.260	
	8	480	0.260	
	9	540	0.260	
	10	600	0.260	
	12	720	0.270	
	14	840	0.280	
	16	960	0.280	
	18	1080	0.290	
	20	1200	0.290	
	25	1500	0.300	
	30	1800	0.310	
	40	2400	0.320	
	50	3000	0.320	
	60	3600	0.320	
	70	4200	0.320	
		0		
		0		
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		0		
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.45 m ³ a _{p50} : 3.15 m ² t _{p75-25} : 0 secs f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	30.01.26	Weather:	Cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/21		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.7	
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:30		Time Filling Completed:			09:31	
Depth to Water at Start of Test:	0.26						
Effective Depths:	75%:	0.38	50%:	0.50	25%:	0.61	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS							
TEST DATA				SA/21			
Time	t (mins)	t (secs)	Depth to Water (m)	Time (secs)			
	0	0	0.260				
	0.5	30	0.260				
	1	60	0.260				
	1.5	90	0.260				
	2	120	0.260				
	3	180	0.260				
	4	240	0.260				
	5	300	0.260				
	6	360	0.260				
	7	420	0.260				
	8	480	0.260				
	9	540	0.260				
	10	600	0.260				
	12	720	0.260				
	14	840	0.260				
	16	960	0.260				
	18	1080	0.260				
	20	1200	0.260				
	25	1500	0.260				
	30	1800	0.260				
	40	2400					
	80	4800					
		0		t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V_{p75-25}: 0.28 m3 a_{p50}: 2.422 m2 t_{p75-25}: 0 secs $f = \text{\#DIV/0!} \text{ m/s}$			
		0					
		0					
		0					
		0					

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	30.01.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/21		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.0		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:00		Time Filling Completed:		10:01		
Depth to Water at Start of Test:	0.25						
Effective Depths:	75%:		0.43	50%:	0.62	25%:	0.80

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	29.01.26	Weather:	Sunny

TEST PIT DETAILS							
Trial Pit Number:	SA/22		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	13:55		Time Filling Completed:			13:56	
Depth to Water at Start of Test:	0.37						
Effective Depths:	75%:		0.48	50%:	0.59	25%:	0.69

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS			
TEST DATA			SA/22
Time	t (mins)	t (secs)	Depth to Water (m)
	0	0	0.380
	0.5	30	0.380
	1	60	0.390
	1.5	90	0.400
	6	360	0.400
	26	1560	0.400
	38	2280	0.400
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**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05/02/2026	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/24		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:43		Time Filling Completed:			09:44	
Depth to Water at Start of Test:	0.31						
Effective Depths:	75%:		0.43	50%:	0.56	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

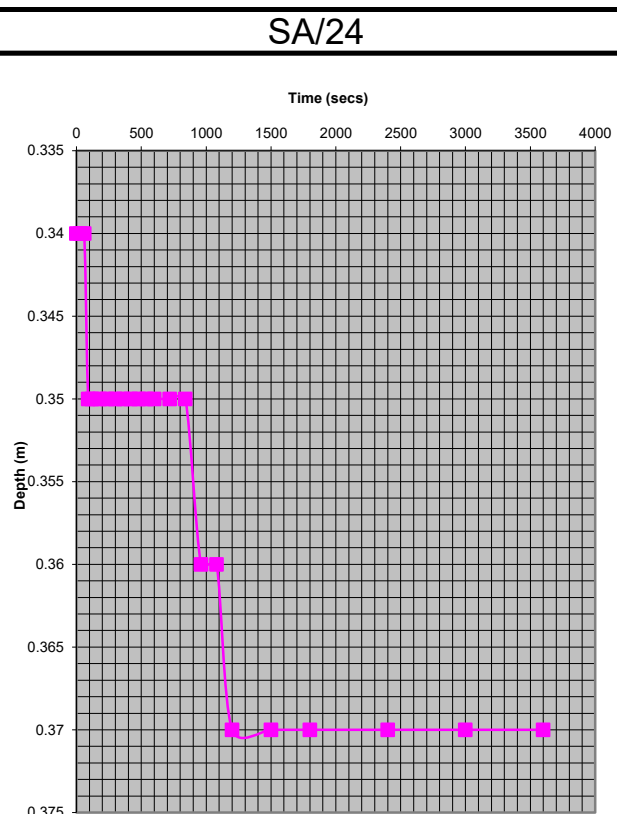
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	05/02/2026	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/24		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.3		
Depth to Groundwater (m):	-						
Time Filling Commenced:	09:40		Time Filling Completed:			09:41	
Depth to Water at Start of Test:	0.34						
Effective Depths:	75%:		0.58	50%:	0.82	25%:	1.06

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

t at 75% Effective Depth: secs

t at 25% Effective Depth: secs

$$\text{Infiltration Rate } f = V_{p75-25} / a_{p50} \times t_{p75-25}$$

Vp75-25: **0.58** m3
ap50: **3.696** m2
tp75-25 **0** secs

f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	04/02/2026	Weather:	Cloudy / light rain

TEST PIT DETAILS							
Trial Pit Number:	SA/25		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	13:30		Time Filling Completed:			13:31	
Depth to Water at Start of Test:	0.32						
Effective Depths:	75%:		0.44	50%:	0.56	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation may be required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/25
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.320	
	0.5	30	0.320	
	1	60	0.320	
	1.5	90	0.330	
	2	120	0.330	
	3	180	0.330	
	4	240	0.330	
	5	300	0.330	
	6	360	0.330	
	7	420	0.330	
	8	480	0.340	
	9	540	0.340	
	10	600	0.340	
	12	720	0.340	
	16	960	0.340	
	18	1080	0.350	
	20	1200	0.350	
	25	1500	0.350	
	30	1800	0.360	
	40	2400	0.360	
	50	3000	0.360	
	60	3600	0.360	
	65	3900	0.360	
		0		
		0		
		0		
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ Vp75-25: 0.29 m3 ap50: 2.448 m2 tp75-25 0 secs f = #DIV/0! m/s

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	04/02/2026	Weather:	Cloudy / light rain	

TEST PIT DETAILS

Trial Pit Number:	SA/25		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	1.3		
Depth to Groundwater (m):	-						
Time Filling Commenced:	13:15		Time Filling Completed:		13:17		
Depth to Water at Start of Test:	0.35						
Effective Depths:	75%:		0.59	50%:	0.83	25%:	1.06

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	02.02.26	Weather:	Cloudy

TEST PIT DETAILS							
Trial Pit Number:	SA/26a		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.6	
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:53		Time Filling Completed:			10:54	
Depth to Water at Start of Test:	0.37						
Effective Depths:	75%:	0.43	50%:	0.49	25%:	0.54	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation may be required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/26a
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.370	
	0.5	30	0.380	
	1	60	0.380	
	1.5	90	0.380	
	2	120	0.380	
	3	180	0.380	
	4	240	0.380	
	5	300	0.380	
	6	360	0.380	
	7	420	0.380	
	8	480	0.380	
	9	540	0.380	
	10	600	0.380	
	12	720	0.380	
	14	840	0.380	
	16	960	0.380	
	30	1800	0.380	
	91	5460	0.380	
	120	7200		
	150	9000		
	180	10800		
		0		
		0		
		0		
		0		
		0		
		0		
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.14 m ³ a _{p50} : 1.798 m ² t _{p75-25} : 0 secs f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	02.02.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/26		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.5		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:39		Time Filling Completed:		11:40		
Depth to Water at Start of Test:	0.21						
Effective Depths:	75%:		0.28	50%:	0.36	25%:	0.43

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

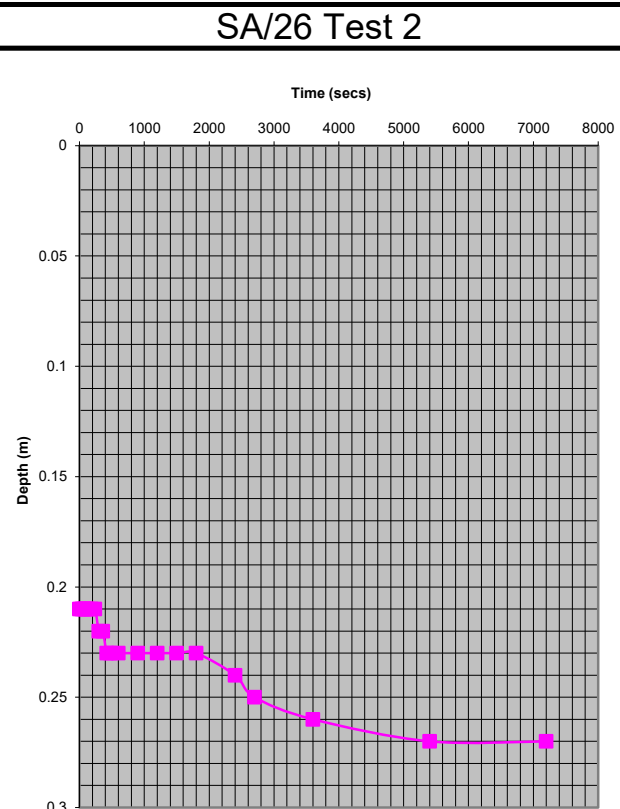
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	06.01.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/26 Test 2		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.5	
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:01		Time Filling Completed:			10:02	
Depth to Water at Start of Test:	0.21						
Effective Depths:	75%:		0.28	50%:	0.36	25%:	0.43

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

t at 75% Effective Depth: secs

t at 25% Effective Depth: secs

$$\text{Infiltration Rate } f = V_{p75-25} / a_{p50} \times t_{p75-25}$$

Vp75-25: **0.17** m3

ap50: **1.954** m2

tp75-25 **0** secs

f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION					
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	02.02.26	Weather:	Cloudy / light rain

TEST PIT DETAILS							
Trial Pit Number:	SA/27		Test	1 of 1			
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.6	
Depth to Groundwater (m):	-						
Time Filling Commenced:	13:54		Time Filling Completed:			13:55	
Depth to Water at Start of Test:	0.32						
Effective Depths:	75%:		0.39	50%:	0.46	25%:	0.53

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS				
TEST DATA				SA/27
Time	t (mins)	t (secs)	Depth to Water (m)	
	0	0	0.320	
	0.5	30	0.320	
	1	60	0.320	
	1.5	90	0.320	
	2	120	0.320	
	3	180	0.320	
	4	240	0.320	
	5	300	0.320	
	6	360	0.320	
	7	420	0.320	
	8	480	0.320	
	9	540	0.320	
	10	600	0.320	
	12	720	0.320	
	14	840	0.320	
	16	960	0.320	
	18	1080	0.320	
	20	1200	0.320	
	25	1500	0.320	
	30	1800	0.320	
	40	2400		
	80	4800		
		0		
		0		
		0		
		0		
		0		
				t at 75% Effective Depth: secs t at 25% Effective Depth: secs Infiltration Rate $f = V_{p75-25} / a_{p50} \times t_{p75-25}$ V _{p75-25} : 0.17 m ³ a _{p50} : 1.928 m ² t _{p75-25} : 0 secs f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	Ford Airfield				Job No:	30019
Engineer:	Matt Baylis	Date:	02.02.26	Weather:	Cloudy	

TEST PIT DETAILS

Trial Pit Number:	SA/28		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	14:39		Time Filling Completed:		14:40		
Depth to Water at Start of Test:	0.3						
Effective Depths:	75%:		0.43	50%:	0.55	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	03.02.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/29		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	10:20		Time Filling Completed:		10:21		
Depth to Water at Start of Test:	0.3						
Effective Depths:		75%:	0.43	50%:	0.55	25%:	0.68

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

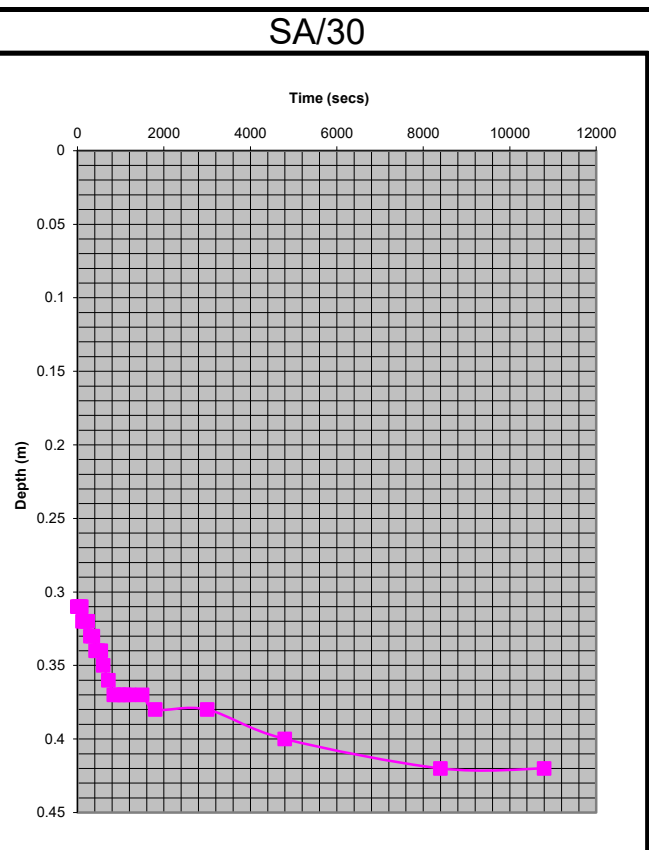
Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	03.02.26	Weather:	Cloudy / light rain

TEST PIT DETAILS

Trial Pit Number:	SA/30		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.8		
Depth to Groundwater (m):	-						
Time Filling Commenced:	11:22		Time Filling Completed:		11:23		
Depth to Water at Start of Test:	0.31						
Effective Depths:	75%:	0.43	50%:	0.56	25%:	0.68	

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

t at 75% Effective Depth: secs

t at 25% Effective Depth: secs

$$\text{Infiltration Rate } f = V_{p75-25} / a_{p50} \times t_{p75-25}$$

Vp75-25: **0.29** m3

ap50: **2.474** m2

tp75-25 **0** secs

f = #DIV/0! m/s

DETERMINATION OF SOIL INFILTRATION RATE IN ACCORDANCE WITH BRE DIGEST 365

GENERAL INFORMATION

Site Name:	<i>Ford Airfield</i>			Job No:	<i>30019</i>
Engineer:	<i>Matt Baylis</i>	Date:	<i>03.02.26</i>	Weather:	<i>Cloudy / light rain</i>

TEST PIT DETAILS

Trial Pit Number:	SA/31		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6		Depth (m):	0.8	
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:34		Time Filling Completed:			12:35	
Depth to Water at Start of Test:	0.27						
Effective Depths:	75%:		0.40	50%:	0.54	25%:	0.67

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]

**DETERMINATION OF SOIL INFILTRATION RATE IN
ACCORDANCE WITH BRE DIGEST 365**

GENERAL INFORMATION

Site Name:	Ford Airfield			Job No:	30019
Engineer:	Matt Baylis	Date:	04.02.26	Weather:	Cloudy

TEST PIT DETAILS

Trial Pit Number:	SA/33		Test 1 of 1				
Length (m):	2.0	Width (m):	0.6	Depth (m):	0.7		
Depth to Groundwater (m):	-						
Time Filling Commenced:	12:34		Time Filling Completed:		12:35		
Depth to Water at Start of Test:	0.3						
Effective Depths:		75%:	0.40	50%:	0.50	25%:	0.60

NOTE: Soakage to at least 25% effective depth is required in order to calculate infiltration rate. If infiltration rates are slow extrapolation maybe required to determine time at which 25% effective depth would be achieved.

TEST PIT RESULTS

[illegible]