




BRE 365 Soakage Test Results

Project No: LPI527	Date: 06/02/2018	Trial Hole No: TP202 Test 2		
Site: Nickle Farm (Peaches Field)				
Client: R M Mansfield				
Trial Hole Dimensions Pit Length: 2.4m Pit Width: 0.6m Pit Depth: 2.4m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA		
Time	Elapsed Time Minutes	Water Level mbgl		
	0.01	1.90		
	1	1.93		
	2	1.95		
	5	2.00		
	10	2.04		
	15	2.14		
	20	2.22		
	30	2.26		
	45	2.31		
	50	2.33		
Notes		BRE Soil Infiltration Rate:		
		$7.738 \times 10^{-5} \text{ m/s}$		


BRE 365 Soakage Test Results

Project No: LPI527	Date: 06/02/2018	Trial Hole No: TP203		
Site: Nickle Farm (Peaches Field)				
Client: R M Mansfield				
Trial Hole Dimensions Pit Length: 2.4m Pit Width: 0.6m Pit Depth: 2.2m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA		
Time	Elapsed Time Minutes		Water Level mbgl	
	0.01		2.00	
	1		2.02	
	2		2.07	
	3		2.13	
	4		2.16	
	5		2.20	
Notes		BRE Soil Infiltration Rate:		
		5.693 x 10⁻⁴ m/s		


BRE 365 Soakage Test Results


Project No: LPI527	Date: 06/02/2018	Trial Hole No: TP203 Test 2	
Site: Nickle Farm (Peaches Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.4m Pit Width: 0.6m Pit Depth: 2.2m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.95	
	1	1.98	
	2	2.03	
	3	2.07	
	4	2.1	
	5	2.12	
	6	2.15	
	7	2.17	
	8	2.2	
Notes	BRE Soil Infiltration Rate:		
	3.483 x 10⁻⁴ m/s		

BRE 365 Soakage Test Results


Project No: LPI527	Date: 07/02/2018	Trial Hole No: TP204	
Site: Nickle Farm (Peaches Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.4m Pit Width: 0.6m Pit Depth: 1.8m	Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA		
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.53	
	1	1.56	
	2	1.59	
	3	1.62	
	4	1.65	
	5	1.66	
	6	1.68	
	7	1.69	
	8	1.71	
	9	1.72	
	10	1.73	
	11	1.74	
	12	1.75	
	13	1.76	
	14	1.78	
	16	1.8	
Notes		BRE Soil Infiltration Rate:	
		1.80×10^{-4} m/s	

BRE 365 Soakage Test Results


Project No: LPI527	Date: 07/02/2018	Trial Hole No: TP204 Test 2	
Site: Nickle Farm (Peaches Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.4m Pit Width: 0.6m Pit Depth: 1.8m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.5	
	1	1.51	
	2	1.53	
	3	1.54	
	4	1.56	
	5	1.6	
	6	1.61	
	7	1.61	
	8	1.62	
	9	1.64	
	15	1.68	
	25	1.69	
	30	1.72	
	35	1.74	
Notes		BRE Soil Infiltration Rate:	
		4.172 x 10⁻³ m/s	

Project No: LPI527	Date: 07/02/2018	Trial Hole No: TP205	
Site: Nickle Farm (Peaches Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 3.0m Pit Width: 0.45m Pit Depth: 3.0m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.6	
	1	1.6	
	2	1.6	
	5	1.6	
	10	1.6	
	15	1.6	
	20	1.6	
	25	1.6	
	30	1.6	
	40	1.6	
	50	1.6	
Notes	BRE Soil Infiltration Rate:		
	No significant soakage (0 m/s)		


BRE 365 Soakage Test Results

Project No: LPI527	Date: 08/02/2018	Trial Hole No: TP30 I	
Site: Nickle Farm (Jocks Morello Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.80m Pit Width: 0.60m Pit Depth: 2.30m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.30	
	1	1.30	
	2	1.30	
	5	1.30	
	10	1.30	
	20	1.30	
	30	1.30	
	60	1.30	
	90	1.30	
Notes	BRE Soil Infiltration Rate:		
	No significant soakage (0 m/s)		


BRE 365 Soakage Test Results

Project No: LPI527	Date: 08/02/2018	Trial Hole No: TP302	
Site: Nickle Farm (Jocks Morello Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 3.10m Pit Width: 0.60m Pit Depth: 1.80m	Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA		
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.2	
	1	1.21	
	2	1.22	
	5	1.23	
	10	1.25	
	15	1.26	
	20	1.27	
	25	1.29	
	35	1.29	
	74	1.32	
	94	1.34	
	104	1.35	
	134	1.37	
	164	1.39	
	194	1.41	
Notes		BRE Soil Infiltration Rate:	
Result not fully compliant with BRE365, as the drop in water level did not fall below 25%.		6.08 x 10⁻⁶ m/s	


BRE 365 Soakage Test Results

Project No: LPI527	Date: 08/02/2018	Trial Hole No: TP303	
Site: Nickle Farm (Jocks Morello Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.80m Pit Width: 0.60m Pit Depth: 2.10m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	1.48	
	1	1.48	
	2	1.48	
	5	1.48	
	46	1.50	
	61	1.50	
	69	1.50	
	100	1.50	
	129	1.50	
	159	1.50	
Notes	BRE Soil Infiltration Rate:		
Result not fully compliant with BRE365, as the drop in water level did not fall below 75%.	6.04 x 10⁻⁷ m/s		


BRE 365 Soakage Test Results

Project No: LPI527	Date: 09/02/2018	Trial Hole No: TP401	
Site: Nickle Farm (Swallow Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 3.00m Pit Width: 0.60m Pit Depth: 3.00m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	0.01	2.15	
	1	2.15	
	2	2.15	
	3	2.15	
	13	2.15	
	23	2.15	
	43	2.15	
	103	2.15	
	163	2.15	
Notes	BRE Soil Infiltration Rate:		
	No significant soakage (0 m/s)		

BRE 365 Soakage Test Results

Project No: LPI527	Date: 09/02/2018	Trial Hole No: TP402	
Site: Nickle Farm (Swallow Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.20m Pit Width: 0.60m Pit Depth: 1.70m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	1	1.30	
	2	1.30	
	3	1.30	
	33	1.30	
	93	1.30	
Notes	BRE Soil Infiltration Rate:		
	No significant soakage (0 m/s)		

BRE 365 Soakage Test Results

Project No: LPI527	Date: 09/02/2018	Trial Hole No: TP403	
Site: Nickle Farm (Swallow Field)			
Client: R M Mansfield			
Trial Hole Dimensions Pit Length: 2.40m Pit Width: 0.60m Pit Depth: 1.80m		Test Conditions Hole gravel filled (Y/N): N Depth to top of granular fill: NA Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA	
Time	Elapsed Time Minutes	Water Level mbgl	
	1	1.5	
	2	1.53	
	3	1.56	
	4	1.59	
	5	1.6	
	6	1.62	
	7	1.65	
	8	1.69	
	9	1.74	
	10	1.8	
Notes	BRE Soil Infiltration Rate:		
	2.959 x 10⁻⁴ m/s		