Project No: Date: Trial Hole No: TP202 LP1527 06/02/2018 Test 2 Site: Nickle Farm (Peaches Field) Client: R M Mansfield Test Conditions **Trial Hole Dimensions** Hole gravel filled (Y/N): N Pit Length: 2.4m Depth to top of granular fill: NA Pit Width: 0.6m Depth to top of permeable soils: NA Pit Depth: 2.4m Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA Time **Elapsed Time Minutes** Water Level mbgl 0.01 1.90 I 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 x 10⁻⁵ m/s



Project No: LP1527	Date: 06/02/2018 rm (Peaches Fiel	Trial Hole No:	TP203	
Client: R M Ma	•	u)		environmental
Trial Hole Dim Pit Length: 2.4 Pit Width: 0.6 Pit Depth: 2.2	m Sm Pm	Test Conditions Hole gravel filled Depth to top of good to top of Assumed Void Range Depth to Ground	(Y/N): N granular fill: NA permeable soils: N atio in granular bad	IA ckfill: NA
Ti	me	Elapsed Time Minutes		Water Level mbgl
		0.0	01	2.00
		I		2.02
		2	2	2.07
			3	2.13
		4	1	2.16
		ī	5	2.20
Notes			BRE S	Soil Infiltration Rate:
			5.0	693 x 10 ⁻⁴ m/s



Project No: Date: Trial Hole No: TP203 LP1527 06/02/2018 Test 2 Site: Nickle Farm (Peaches Field) Client: R M Mansfield Trial Hole Dimensions **Test Conditions** Hole gravel filled (Y/N): N Pit Length: 2.4m Depth to top of granular fill: NA Pit Width: 0.6m Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Pit Depth: 2.2m Depth to Ground Water: NA **Elapsed Time Minutes** Time Water Level mbgl 0.01 1.95 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



Project No: LP1527	Date: 07/02/2018	Trial Hole No:	TP204	loon
Site: Nickle Fa	rm (Peaches Fiel	d)		
Client: R M Ma	nsfield			environmental
Trial Hole Dim Pit Length: 2.4 Pit Width: 0.6 Pit Depth: 1.8	m om	Hole gravel filled Depth to top of Depth to top of Assumed Void Ra	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	
Ti	me	Elapsed Time Minutes		Water Level mbgl
		0.0	01	1.53
				1.56
		2	2	1.59
		3	3	1.62
		4	1	1.65
		Ĩ	5	1.66
		(5	1.68
		7	7	1.69
		8	3	1.71
		Ç)	1.72
		I	10	1.73
		I	I	1.74
		I	2	1.75
		I	3	1.76
		I	4	1.78
		I	6	1.8
Notes		BRE S	Soil Infiltration Rate:	
			1.	80 x 10 ⁻⁴ m/s



Project No: Date: Trial Hole No: TP204 LP1527 07/02/2018 Test 2 Site: Nickle Farm (Peaches Field) Client: R M Mansfield Trial Hole Dimensions **Test Conditions** Hole gravel filled (Y/N): N Pit Length: 2.4m Depth to top of granular fill: NA Pit Width: 0.6m Depth to top of permeable soils: NA Assumed Void Ratio in granular backfill: NA Pit Depth: 1.8m Depth to Ground Water: NA **Elapsed Time Minutes** Time Water Level mbgl 0.01 1.5 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: LP1527 Site: Nickle Fa	Date: 07/02/2018 rm (Peaches Fiel	Trial Hole No:	TP205		
Site: Nickle Farm (Peaches Field) Client: R M Mansfield				environmental	
Trial Hole Dim Pit Length: 3.0r Pit Width: 0.4 Pit Depth: 3.0	n I5m	Hole gravel filled Depth to top of g Depth to top of p Assumed Void Ra	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		
Ti	me	Elapsed Time Minutes		Water Level mbgl	
		0.0) I	1.6	
		ı		1.6	
		2		1.6	
		5	;	1.6	
		1	0	1.6	
		1	5	1.6	
		2	0	1.6	
		2	5	1.6	
		3	0	1.6	
		4	0	1.6	
		5	0	1.6	
Notes			BRE Soil Infiltration Rate:		
			No sig	gnificant soakage (0 m/s)	



Project No: LP1527	Date: 08/02/2018	Trial Hole No:	TP301	
Site: Nickle Farm (Jocks Morello Field)				
Client: R M Ma	nsfield			environmental
Trial Hole Din Pit Length: 2.8 Pit Width: 0.9 Pit Depth: 2.3	30m 60m		(Y/N): N granular fill: NA permeable soils: N atio in granular bad	
Т	ime	Elapsed Time Minutes		Water Level mbgl
		0.0	וו	1.30
		ı		1.30
		2	<u> </u>	1.30
		5		1.30
		10		1.30
		20		1.30
		30		1.30
		60		1.30
		90		1.30
Notes			BRE S	oil Infiltration Rate:
			No sig	gnificant soakage (0 m/s)



Project No: Date: Trial Hole No: TP302 LP1527 08/02/2018 Site: Nickle Farm (Jocks Morello Field) Client: R M Mansfield **Test Conditions Trial Hole Dimensions** Hole gravel filled (Y/N): N Pit Length: 3.10m Depth to top of granular fill: NA Pit Width: 0.60m Depth to top of permeable soils: NA Pit Depth: 1.80m Assumed Void Ratio in granular backfill: NA Depth to Ground Water: NA Time **Elapsed Time Minutes** Water Level mbgl 0.01 1.2 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 **BRE Soil Infiltration Rate: Notes** Result not fully compliant with BRE365, as the drop 6.08 x 10⁻⁶ m/s in water level did not fall below 25%.



Project No: LPI527	Date: 08/02/2018	Trial Hole No: TP303			
Site: Nickle Fa	m (Jocks Morell	o Field)			
Client: R M Ma	nsfield			environmental	
Trial Hole Dimensions Pit Length: 2.80m Pit Width: 0.60m Pit Depth: 2.10m		Test Conditions Hole gravel filled Depth to top of p Depth to top of p Assumed Void Ra Depth to Ground	(Y/N): N granular fill: NA permeable soils: N atio in granular bad	A ckfill: NA	
Ti	me	Elapsed Time Minutes		Water Level mbgl	
		0.01		1.48	
		I		1.48	
		2		I. 4 8	
		5	j	I. 4 8	
		46		1.50	
		6	I	1.50	
		69		1.50	
		10	00	1.50	
		12)	1.50	
		15	59	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			



Project No: LP1527	Date: 09/02/2018	Trial Hole No:	TP401	
Site: Nickle Fa	rm (Swallow Fiel	d)		
Client: R M Mansfield				environmental
Trial Hole Dimensions Pit Length: 3.00m Pit Width: 0.60m Pit Depth: 3.00m			(Y/N): N granular fill: NA permeable soils: N atio in granular bad	
Ti	me	Elapsed Tir	ne Minutes	Water Level mbgl
		0.0	01	2.15
		I		2.15
		2	2	2.15
	3		3	2.15
		13		2.15
		23		2.15
		43		2.15
		103		2.15
		16	53	2.15
Notes		BRE S	oil Infiltration Rate:	
			No się	gnificant soakage (0 m/s)



Project No: LP1527	Date: 09/02/2018	Trial Hole No:	TP402	
Site: Nickle Farm (Swallow Field)				
Client: R M Ma	nsfield			environmental
Trial Hole Dimensions Pit Length: 2.20m Pit Width: 0.60m Pit Depth: 1.70m		Hole gravel filled Depth to top of § Depth to top of ¶ Assumed Void Ra Depth to Ground	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	
Ti	me	Elapsed Time Minutes		Water Level mbgl
		I		1.30
		2	<u> </u>	1.30
		3	3	1.30
		33		1.30
	9		3	1.30
Notes			BRE S	Soil Infiltration Rate:
			No sig	gnificant soakage (0 m/s)



Project No: LPI527	Date: 09/02/2018	Trial Hole No: TP403			
	rm (Swallow Fiel	d)			
Client: R M Ma	nsfield			environmental	
Trial Hole Dim Pit Length: 2.4 Pit Width: 0.6 Pit Depth: 1.8	-0m 50m	Hole gravel filled Depth to top of Depth to top of Assumed Void Ra	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		
Ti	me	Elapsed Time Minutes		Water Level mbgl	
			<u> </u>	1.5	
		2	2	1.53	
		3	3	1.56	
		4	1	1.59	
		Ĩ	5	1.6	
		(5	1.62	
		7	7	1.65	
		8	3	1.69	
		Ç)	1.74	
		I	0	1.8	
Notes			BRE S	Soil Infiltration Rate:	
			2.9	959 x 10 ⁻⁴ m/s	

