INFILTRATION TEST RECORD/CALCULATION SHEET

Job No: 24358-B Job Name: Westwood - Subsurface Exploration Date: 12/18/18

Boring No: I-1

Perc Hole Depth (in.): 135.12

Reference Depths for Test (In):
12" = 123.12 24"= 111.12

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0.00	1.00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:04	10:04	12:04	13:04	14:04
Measured Depth to water (in.)	103.92	107.16	108.72	110.16	111.60
Measured Depth. Added or initial (in.)	106.32	107.16	108.72	110.16	
Head (in.)	28.80	27.96	26.40	24.96	
Fall (in.)		0.84	1.56	1.44	1.44

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: 1.32
Recommended Rate = 1/2 Avg. Fall: 0.66

Comments:

Boring No: I-2

Perc Hole Depth (in.): 140.64

Reference Depths for Test (In):
12" = 128.6 24"= 116.64

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0:00	1:00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:07	11:07	12:07	13:07	14:07
Measured Depth to water (in.)	111.84	111.00	110.64	110.04	97.44
Measured Depth. Added or initial (in.)	111.84	111.00	110.64	110.04	
Head (in.)	28.80	29.64	30.00	30.60	
Fall (in.)		-0.84	-0.36	-0.60	-12.60

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: -3.60
Recommended Rate = 1/2 Avg. Fall: -1.80

Comments: No apparent infiltration during field testing; water level rose within PVC casing during testing

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INFILTRATION TEST RECORD/CALCULATION SHEET

Job No: 24358-B Job Name: Westwood - Subsurface Exploration Date: 12/18/18

Boring No: I-3

Perc Hole Depth (in.): 102.48

Reference Depths for Test (In):
12" = 90.48 24"= 78.48

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0.00	1.00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:10	10:10	12:10	13:10	14:10
Measured Depth to water (in.)	102.48	74.52	76.08	77.16	78.12
Measured Depth. Added or initial (in.)	74.28	74.52	76.08	77.16	
Head (in.)	28.20	27.96	26.40	25.32	
Fall (in.)		0.24	1.56	1.08	0.96

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: 0.96
Recommended Rate = 1/2 Avg. Fall: 0.48

Comments:

Boring No: I-4

Perc Hole Depth (in.): 75.60

Reference Depths for Test (In):
12" = 63.6 24"= 51.60

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0:00	1:00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:14	11:14	12:14	13:14	14:14
Measured Depth to water (in.)	75.60	50.04	51.60	53.40	51.96
Measured Depth. Added or initial (in.)	48.36	50.04	51.60	50.52	
Head (in.)	27.24	25.56	24.00	25.08	
Fall (in.)		1.68	1.56	1.80	1.44

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: 1.62
Recommended Rate = 1/2 Avg. Fall: 0.81

Comments:

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INFILTRATION TEST RECORD/CALCULATION SHEET

Job No: 24358-B Job Name: Westwood - Subsurface Exploration Date: 12/18/18

Boring No: I-5

Perc Hole Depth (in.): 74.16

Reference Depths for Test (In):
12" = 62.16 24"= 50.16

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0.00	1.00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:20	10:20	12:20	13:20	14:20
Measured Depth to water (in.)	69.00	48.36	48.36	48.36	48.36
Measured Depth. Added or initial (in.)	48.36	48.36	48.36	48.36	
Head (in.)	25.80	25.80	25.80	25.80	
Fall (in.)		0.00	0.00	0.00	0.00

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: FAIL
Recommended Rate = 1/2 Avg. Fall: #VALUE!

Comments:

Boring No: I-6

Perc Hole Depth (in.): 55.56

Reference Depths for Test (In):
12" = 43.6 24"= 31.56

Test Intervals/Duration (Hrs.)	0.00	1.00	2.00	3.00	4.00
Duration	0:00	1:00	2:00	3:00	4:00
Actual Test Time (Start/Finish)	10:24	11:24	12:24	13:24	14:24
Measured Depth to water (in.)	21.24	30.84	30.84	30.84	30.84
Measured Depth. Added or initial (in.)	30.84	30.84	30.84	30.84	
Head (in.)	24.72	24.72	24.72	24.72	
Fall (in.)		0.00	0.00	0.00	0.00

Calculated Infiltration Rate (in./hr.):
Avg. Fall Over 4 Hours: FAIL
Recommended Rate = 1/2 Avg. Fall: #VALUE!

Comments:

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