

**Figure E-2: Infiltration Test Data Table Example**

<b>Location:</b> Lot 105, Low Point Heights Subdivision		<b>Date:</b> 6/28/2010		<b>Test Hole Number:</b> 3	
<b>Depth to bottom of hole:</b> 57 inches		<b>Diameter of hole:</b> 0.5 feet		<b>Test Method:</b> Encased Falling Head	
Tester's Name: C.J. Tester Tester's Company: Tester Company			Tester's Contact Number: 555-1212		
<b>Depth, feet</b>			<b>Soil Texture</b>		
0-0.5			Black Top Soil		
0.5-1.0			Brown SM		
1.0-2.2			Brown ML		
2.2-5.1			Brown CL		
<b>Time</b>	<b>Time interval, minutes</b>	<b>Measurement, feet</b>	<b>Drop in water level, feet</b>	<b>Percolation rate, inches per hour</b>	<b>Remarks</b>
9:00	0	3.75	-		Filled with 6"
9:20	20	3.83	0.08		
9:40	20	3.91	0.08	2.88	
10:00	20	3.98	0.07	2.52	
10:20	20	4.04	0.06	2.16	
10:40	20	4.11	0.07	2.52	
11:00	20	4.17	0.06	2.16	
11:20	20	4.225	0.055	1.98	
					Adjusted to 6" level for Trial #2

Calculation is performed for each water level drop

$$= (\text{Drop in water level} / \text{Time interval}) \times \text{conversion}$$

$$= 0.055\text{ft} / 20\text{min} \times (12\text{in}/\text{ft}) \times (60\text{min}/\text{hr})$$

$$= 1.98 \text{ inches per hour}$$

The design infiltration rate of two successive trials must have a difference of 5% or less.

**Figure E-3: Infiltration Test Data Table**

<b>Location:</b>		<b>Date:</b>		<b>Test Hole Number:</b>	
<b>Depth to bottom of hole:</b>		<b>Diameter of hole:</b>		<b>Test Method:</b>	
<b>Tester's Name:</b>					
<b>Tester's Company:</b>			<b>Tester's Contact Number:</b>		
<b>Depth, feet</b>			<b>Soil Texture</b>		
<b>Time</b>	<b>Time interval, minutes</b>	<b>Measurement, feet</b>	<b>Drop in water level, feet</b>	<b>Percolation rate, inches per hour</b>	<b>Remarks</b>