Soil Drainage and Percolation Test (Homeowner’s Guide)

Day 1
1. Dig one cubic foot hole (12”x12”x12”)
2. Fill the hole with water to saturate the soil
3. Let drain overnight

Day 2
1. Lay a stick over the hole
2. Refill the hole with water to the level of the stick
3. Wait one hour
4. Measure how far the water level has dropped to determine the infiltration rate per hour

Note: Use the soil from the hole to do a worm count & test the texture of your soil
Step 3: Evaluate Your Site: Soil and Watershed

Soil Drainage Field Percolation Test

<table>
<thead>
<tr>
<th>Inches per Hr.</th>
<th>Drainage</th>
<th>Solutions</th>
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| Less than 1”   | Slow     | Add organics  
                  Create mounds  
                  Select tolerant plants |
| 1” - 3”        | OK       | Add organics  
                  Create mounds  
                  Select tolerant plants |
| More than 4”   | Fast     | Add organics  
                  Create mounds  
                  Select tolerant plants |