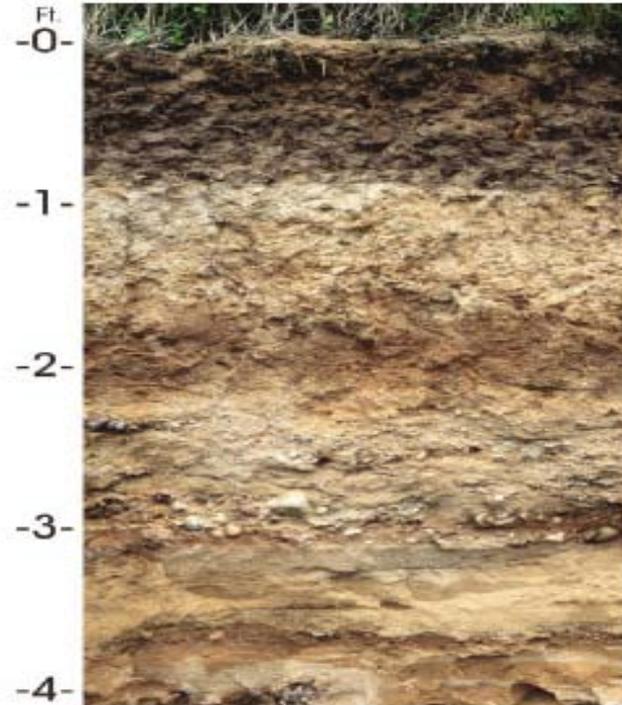


Site Evaluation for Infiltration (1002)  
&  
Infiltration Basin (1003)

# Site Evaluation

- Soil borings vs. soil pits?
- Seasonal high groundwater?



## Antigo Soil Profile

Surface layer: dark grayish brown silt loam

Subsurface layer: brown silt loam

Subsoil - upper: dark yellowish brown & brown silt loam

Subsoil - lower: dark yellowish brown loam & brown very gravelly sandy loam

Substratum: brown, stratified coarse sand & gravelly coarse sand

## Design Infiltration Rate

- Field test vs. "Table 2"



**What happens when the seasonal high groundwater is missed or the design infiltration rate is lower than expected?**



## Common Problems

- Sedimentation from residential home construction sites
- Compaction during construction
- Base flow from storm water conveyance system



# Infiltration basin = wetland basin due to constant flow from storm sewer





Compaction & sedimentation plans are important

Long-term commitment to vegetation establishment,  
inspection and maintenance is critical



