

Soil Test Pit Descriptions

Location: 281 Littleworth Rd
Madbury, NH

Date: 7/1/2015
Client: Garvey

Evaluator: Marc Jacobs
Jonathan Balanoff

Witness: Mike Cuomo

Test Pit 1 (Deerfield)

- 0" 10YR 3/3, loamy fine sand, weak fine granular, moist friable
- 8" 10YR 5/4, loamy fine sand, massive, moist friable, 5% 10YR 6/2 redoximorphic depletions and 10YR 5/6 redoximorphic concentrations at 24" = estimated seasonal high water table (ESHWT)
- 30" 10YR 5/3, loamy sand, massive, moist weakly cemented
- 36" 10R 5/3, sand, single grain/massive, moist firm, many redoximorphic concentrations and depletions
- 77" Terminated, no refusal, slow seep at 60", observed free water at 64", roots common to 24" and occasional to 36"

Test Pit 2 (Deerfield)

- +2" Forest Duff
- 0" 10YR 3/3, loamy fine sand, weak fine granular, moist friable
- 8" 10YR 4/4, loamy fine sand, massive, moist friable
- 21" 10YR 5/4, loamy fine sand, massive, moist friable, 5% 7.5YR 5/6 redoximorphic concentrations at 30" = ESHWT
- 32" 10YR 5/3, sand, single grain/massive, lenses of 10YR 5/3 loamy very fine sand, moist weakly cemented, many large 7.5YR 5/6 redoximorphic concentrations
- 72" Terminated, no refusal, observed free water at 64", roots common to 30" and occasional to 36"

Test Pit 3 (Deerfield)

- 0" 10YR 3/3, loamy fine sand, weak fine granular, moist friable
- 6" 10YR 4/4, loamy sand, massive, moist friable
- 10" 7.5YR 5/6, loamy sand, massive, moist friable, few cemented nodules
- 25" 10YR 5/3, sand, single grain/massive, moist friable, 20% 7.5YR 5/8 redoximorphic concentrations and 5% 10YR 5/2 redoximorphic depletions at 25" = ESHWT
- 46" 10YR 5/2, fine sand, massive, moist friable to firm
- 72" terminated, no refusal, no observed free water, roots occasional to 30"

Test Pit 4 (Deerfield)

- 0" 10YR 3/3, loamy fine sand, weak fine granular, moist friable
- 12" 10YR 5/8, loamy fine sand, massive, moist friable
- 27" 10YR 6/4, sand, single grain/massive, moist friable, 20% 7.5YR 5/6 redoximorphic concentrations and 5% 10YR 6/1 redoximorphic depletions at 27" = ESHWT
- 46" 10YR 6/2 and 7.5YR 5/6, very fine sand and sand, massive, moist firm and restrictive, many coarse redoximorphic features
- 72" terminated, no refusal, no observed free water, roots common to 30" occasional to 42"

