

Doiron Environmental LLC
720 Browns Ridge Road
Ossipee, NH 03864
(603) 581-4478

TEST PIT EVALUATION REPORT
NHDOT Right-of-Way
Adjacent to Meena LLC Property
Tax Map 401 Lot 5
41 NH Route 25 - Effingham, NH

TEST PIT #: 01

Date Evaluated: 6/16/2022

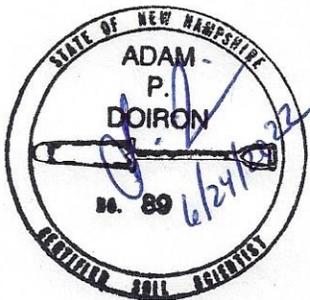
<u>Depth (in)</u>	<u>Description</u>
0-7	10YR3/1, fine sandy loam, weak fine granular, very friable (fill material)
7-18	10YR5/3, fine sand, single grain, loose (fill material)
18-19	10YR5/3, fine sand, single grain, loose, common prominent redoximorphic concentrations (fill material)
19-21	10YR2/1, mucky fine sandy loam, weak fine granular, very friable, common distinct redoximorphic concentrations (mixing)
21-24	10YR4/1, loamy fine sand, moderate medium granular, very friable
24-27	10YR2/1, fine sandy loam, moderate medium subangular blocky, friable, common prominent redoximorphic depletions
27-40	7.5YR3/3, fine sandy loam, moderate medium subangular blocky, friable, common distinct redoximorphic concentrations, common distinct redoximorphic depletions
40-53	10YR4/3, fine sand, single grain, loose, common prominent redoximorphic concentrations
53-63	2.5Y5/1, fine sand & very fine sand, massive, very friable

Estimated Seasonal High Water Table @ 18 inches
Restrictive @ None
Refusal @ None

Observed Water Table @ 44 inches
Roots to 29 inches
Depth of Fill Material to 19 inches

Notes:

1. Approximate location of test pit is depicted in the attached "Wetland Delineation & Test Pit Location Sketch", dated June 23, 2022.



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TEST PIT #: 02

Date Evaluated: 6/16/2022

<u>Depth (in)</u>	<u>Description</u>
0-3	10YR2/1, fine sandy loam, weak fine granular, very friable (fill material)
3-7	10YR5/3, loamy fine sand, weak fine granular, very friable (fill material)
7-16	10YR4/4, fine sand, single grain, loose (fill material)
16-21	10YR5/3, fine & medium sand, single grain, loose, common distinct redoximorphic concentrations (fill material)
21-24	10YR2/1, hemic organic materials, weak fine granular, very friable
24-29	10YR4/1 & 10YR5/1, loamy fine sand, weak medium granular, very friable
29-31	2.5YR2.5/1, fine sandy loam, moderate medium subangular blocky, friable
31-36	5YR4/3, fine sandy loam, massive, firm, common distinct redoximorphic concentrations (ortstein)
36-44	2.5Y5/3, loamy fine sand, massive, friable, common prominent redoximorphic concentrations, common distinct redoximorphic depletions
44-63	2.5Y4/3, fine sand, single grain, loose, common prominent redoximorphic concentrations
63-75	2.5Y5/3, fine sand & very fine sand, weak thin platy, very friable, common distinct redoximorphic concentrations, common distinct redoximorphic depletions

Estimated Seasonal High Water Table @ 16 inches
Restrictive @ 31 to 36 inches (see Note 2)
Refusal @ None

Observed Water Table @ 53 inches
Roots to 32 inches
Depth of Fill Material to 21 inches

Notes:

1. Approximate location of test pit is depicted in the attached "Wetland Delineation & Test Pit Location Sketch", dated June 23, 2022.
2. A cemented layer of ortstein is present between 31 and 36 inches.



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TEST PIT #: 03

Date Evaluated: 6/16/2022

<u>Depth (in)</u>	<u>Description</u>
0-2	7.5YR2.5/1, fibric organic materials, weak fine granular, very friable
2-4	10YR5/1, fine sandy loam, weak fine granular, very friable
4-8	10YR4/6, fine sandy loam, weak medium granular, very friable
8-13	10YR5/6, loamy fine sand, weak medium granular, very friable
13-24	2.5Y5/4, loamy fine sand, weak medium granular, very friable
24-47	2.5Y5/3, loamy fine sand, massive, very friable
47-60	2.5Y4/3, medium sand, single grain, loose
60-66	7.5YR2.5/1, coarse sand, single grain, loose, many redoximorphic features consisting of extremely weakly cemented masses of manganese
66-92	2.5Y4/3, medium & coarse sand, single grain, loose, many distinct redoximorphic concentrations

Estimated Seasonal High Water Table @ 60 inches
Restrictive @ None
Refusal @ None

Observed Water Table @ 92 inches
Roots to 53 inches
No Fill Material

Notes:

1. Approximate location of test pit is depicted in the attached "Wetland Delineation & Test Pit Location Sketch", dated June 23, 2022.

