

**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

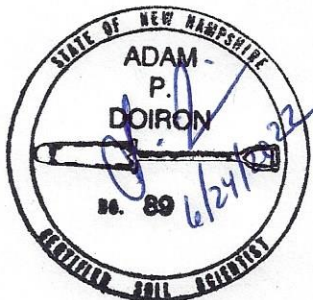
| <b><u>Depth (in)</u></b> | <b><u>Description</u></b>   |
|--------------------------|---|
| 0-7                      | 10YR3/1, fine sandy loam, weak fine granular, very friable (fill material)  |
| 7-18                     | 10YR5/3, fine sand, single grain, loose (fill material)   |
| 18-19                    | 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

| <b><u>Depth (in)</u></b> | <b><u>Description</u></b>  |
|--------------------------|--|
| 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.

