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CERTIFIED SOIL SCIENTIST

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WETLAND SCIENTIST

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LICENSED SITE EVALUATOR

October 25, 2020

**TEST PIT LOGS
TAX MAP 5 - LOTS 1-15 & 1-16
MAIN STREET
DURHAM, NEW HAMPSHIRE**

Test Pits Conducted: October 16, 2020
By: Joseph W. Noel
New Hampshire Certified Soil Scientist #017

Test Pit 1

1-0 inches partially decomposed organic matter
0-8 inches brown (10YR 4/3) very fine sandy loam, friable, granular
8-11 inches light olive brown (2.5Y 5/3) very fine sandy loam, friable, blocky
11-40 inches light yellowish brown (2.5Y 6/3) silt to silt loam, firm, massive, common prominent redox features

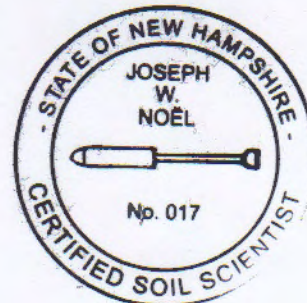
Seasonal High Water Table @ 11" (perched)
Observed Water Table none to 40"
Restrictive Horizon @ 11"
Bedrock none to 40"

Test Pit 2

1-0 inches partially decomposed organic matter
0-9 inches brown (10YR 4/3) very fine sandy loam, friable, granular
9-12 inches dark yellowish brown (10YR 4/4) very fine sandy loam, friable, blocky
12-22 inches light olive brown (2.5Y 5/3) silt loam, firm, blocky, common distinct redox features
22-48 inches olive gray (5Y 4/2) silt loam, very firm, blocky, common distinct redox features and manganese stains on ped faces

Seasonal High Water Table @ 12" (perched)
Observed Water Table none to 48"
Restrictive Horizon @ 12"
Bedrock none to 48"

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Test Pit 3

1-0 inches partially decomposed organic matter
0-8 inches brown (10YR 4/3) very fine sandy loam, friable, granular
8-13 inches dark yellowish brown (10YR 4/4) very fine sandy loam, friable, blocky
13-43 inches light olive brown (2.5Y 5/3) silt loam, firm to very firm, massive, common prominent redox features

Seasonal High Water Table @ 13" (perched)

Observed Water Table none to 43"

Restrictive Horizon @ 13"

Bedrock none to 43"

Test Pit 4

1-0 inches partially decomposed organic matter
0-6 inches dark brown (10YR 3/3) very fine sandy loam, friable, granular
6-11 inches dark yellowish brown (10YR 4/4) very fine sandy loam, friable, blocky
11-40 inches light olive brown (2.5Y 5/3) silt loam, firm to very firm, massive, common prominent redox features

Seasonal High Water Table @ 11" (perched)

Observed Water Table none to 40"

Restrictive Horizon @ 11"

Bedrock none to 40"

Test Pit 5

1-0 inches partially decomposed organic matter
0-8 inches very dark grayish brown (10YR 3/2) very fine sandy loam, friable, granular
8-13 inches dark yellowish brown (10YR 4/4) very fine sandy loam, friable, blocky
13-40 inches light olive brown (2.5Y 5/3) silt loam, firm to very firm, massive, common prominent redox features

Seasonal High Water Table @ 13" (perched)

Observed Water Table none to 40"

Restrictive Horizon @ 13"

Bedrock none to 40"

