

# Site Visit Report

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SEP 18 2015

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PLANNING BOARD  
GRAFTON, MA [www.gravesengineering.com](http://www.gravesengineering.com)

<b>Date:</b>	09/15/15	<b>Prepared By:</b>	Jeffrey Walsh
<b>Client:</b>	Grafton Planning Board	<b>Arrived on site:</b>	1:55 PM
<b>Project:</b>	Clearview Estates	<b>Left site:</b>	3:40 PM
<b>Contractor:</b>	Connorstone Engineering, Inc.	<b>Site Conditions:</b>	Damp
<b>Contractor Contact:</b>	Vito Colonna	<b>Weather:</b>	70°, Clear

Transmitted by:	
<input checked="" type="checkbox"/> Mail <input type="checkbox"/> Hand <input type="checkbox"/> Fax	<input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Other:

**Comments:**

GEI was on-site to witness deep hole test pits along the proposed road and at the anticipated location of a proposed stormwater management facility. Connorstone Engineering, Inc. located the test pits, which were excavated by Baril Construction with a Caterpillar 426 backhoe. The test pits were evaluated by Vito Colonna of Connorstone Engineering, Inc. It is the responsibility of the design engineer to verify compliance with the DEP Stormwater Management Guidelines and Town of Grafton requirements relative to test pit locations and depth. Ten test pits were evaluated along the roadway and two test pits were evaluated at the stormwater management facility. A sketch of the testing locations is attached to this site visit report. The findings of the soil evaluations are presented below.

TP 1+00 Clearview Drive station 1+00+/-		
DEPTH	SOIL HORIZON	SOIL TEXTURE
0 - 14"	A	Sandy loam (SL)
14 - 32"	B	SL, mottling @ 27"
32 - 120"	C	SL
Weeping Water: NA		
Standing Water: NA		
Mottling: 27"		
Estimated Seasonal High Groundwater Table @ 27" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

TP 3+00 Clearview Drive station 3+00+/-		
DEPTH	SOIL HORIZON	SOIL TEXTURE
0 - 8"	A	Sandy loam (SL)
8 - 20"	B	SL
20 - 36"	C1	SL, mottling @ 24"
36 - 110"	C2	SL, denser than C1
Weeping Water: NA		
Standing Water: NA		
Mottling: 24"		
Estimated Seasonal High Groundwater Table @ 24" (mottling)		
Refusal: 110"		
Parent Material: Loose glacial till		

<b>TP 5+00 Clearview Drive station 5+00+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 12"	A	Sandy loam (SL)
12 - 28"	B	SL, mottling @ 24"
28 - 120"	C	SL
Weeping Water: NA		
Standing Water: NA		
Mottling: 24"		
Estimated Seasonal High Groundwater Table @ 24" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 7+00 Clearview Drive station 7+00+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 16"	A	Sandy loam (SL)
16 - 32"	B	SL
32 - 122"	C	SL, mottling @ 32"
Weeping Water: 120"		
Standing Water: NA		
Mottling: 32"		
Estimated Seasonal High Groundwater Table @ 32" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 9+00 Clearview Drive station 9+00+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 20"	Fill	
20 - 26"	A	Sandy loam (SL)
26 - 40"	B	SL
40 - 130"	C	SL, mottling @ 40"
Weeping Water: NA		
Standing Water: 128"		
Mottling: 40"		
Estimated Seasonal High Groundwater Table @ 40" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 11+00 Clearview Drive station 11+00+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 8"	A	Sandy loam (SL)
8 - 22"	B	SL
22 - 120"	C	SL, mottling @ 22", boulder @ 120"
Weeping Water: NA		
Standing Water: NA		
Mottling: 22"		
Estimated Seasonal High Groundwater Table @ 22" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 13+00 Clearview Drive station 13+00+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 8"	A	Sandy loam (SL)
8 - 18"	B	SL
18 - 120"	C	SL, pockets of gravel, mottling @ 18"
Weeping Water: NA		
Standing Water: NA		
Mottling: 18"		
Estimated Seasonal High Groundwater Table @ 18" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 14+50 Clearview Drive station 14+50+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 8"	A	Sandy loam (SL)
8 - 24"	B	SL
24 - 126"	C	SL, mottling @ 24"
Weeping Water: NA		
Standing Water: NA		
Mottling: 24"		
Estimated Seasonal High Groundwater Table @ 24" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 16+50 Clearview Drive station 16+50+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 10"	A	Sandy loam (SL)
10 - 24"	B	SL
32 - 130"	C	SL, mottling @ 24"
Weeping Water: NA		
Standing Water: NA		
Mottling: 24"		
Estimated Seasonal High Groundwater Table @ 24" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP 18+50 Clearview Drive station 18+50+/-</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 6"	A	Sandy loam (SL)
6 - 20"	B	SL
20 - 128"	C	SL, mottling @ 20"
Weeping Water: NA		
Standing Water: NA		
Mottling: 20"		
Estimated Seasonal High Groundwater Table @ 20" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP A Stormwater Basin</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 14"	A	Sandy loam (SL)
14 - 24"	B	SL
24 - 102"	C	SL, very cobbly, mottling @ 32"
Weeping Water: NA		
Standing Water: NA		
Mottling: 32"		
Estimated Seasonal High Groundwater Table @ 32" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

<b>TP B Stormwater Basin</b>		
<b>DEPTH</b>	<b>SOIL HORIZON</b>	<b>SOIL TEXTURE</b>
0 - 10"	A	Sandy loam (SL)
10 - 28"	B	SL
28 - 84"	C	SL, cobbly, mottling @ 32"
Weeping Water: NA		
Standing Water: NA		
Mottling: 32"		
Estimated Seasonal High Groundwater Table @ 32" (mottling)		
Refusal: NA		
Parent Material: Loose glacial till		

**Action to be Taken:**

Grafton Planning Board will be notified of this site visit by way of this report.

Attachment

Clearview Estates

Soil Testing Locations

9/15/15

TPB

TPA

TP14+50

TP13+00

TP11+00

TP9+00

TP7+00

TP5+00

TP3+00

TP1+00

TP1650

TP1850



North St

