

# Advance Testing

3348 Route 208, Campbell Hall, NY 10916

Phone: 845-496-1600 Fax: 845-496-1398

12960 Commerce Lake Drive, A14, Fort Myers, FL 33913

42 Day Farm Road, West Stockbridge, MA 01266

1813 State Route 7, Harpursville, NY 13787

<b>Client:</b>	M&T Excavation	<b>Project:</b>	25 Highview
<b>Item:</b>	Import Fill	<b>Project Number:</b>	221291
<b>Source:</b>	2 Perrins Peak Road	<b>Lab Number:</b>	22-1223B
<b>Date Sampled:</b>	9/23/2022	<b>Sampled By:</b>	Client
<b>Date Tested:</b>	9/24/2022	<b>Tested By:</b>	Mark D'Apice

## GRADATION (SIEVE ANALYSIS) OF SOIL OR AGGREGATE

Test Method(s): ASTM D422, C136, C117; AASHTO T88, T27, T11

Lab Number	Sample Type	Sampling Location	Specification
22-1223B	Import Fill	Stockpile	No Specification

Sieve Size		% Retained	% Passing	Spec. % Pass
mm	Inches			
50.0 mm	2"	0.0	100	
37.5 mm	1 1/2"	0.0	100	
25.0 mm	1"	3.6	96	
19.0 mm	3/4"	3.1	93	
12.5 mm	1/2"	3.6	90	
9.5 mm	3/8"	2.1	88	
6.3 mm	1/4"	4.2	83	
4.75 mm	#4	2.4	81	
2.36 mm	#8	6.1	75	
1.18 mm	#16	7.7	67	
0.600 mm	#30	11.3	56	
0.300 mm	#50	13.6	42	
0.150 mm	#100	12.1	30	
0.075 mm	#200	8.4	22	
Pan		21.8		

Comments:

Minus #200 by wash-sieve method.

*Emily J. Rodriguez*

Report Reviewed By:

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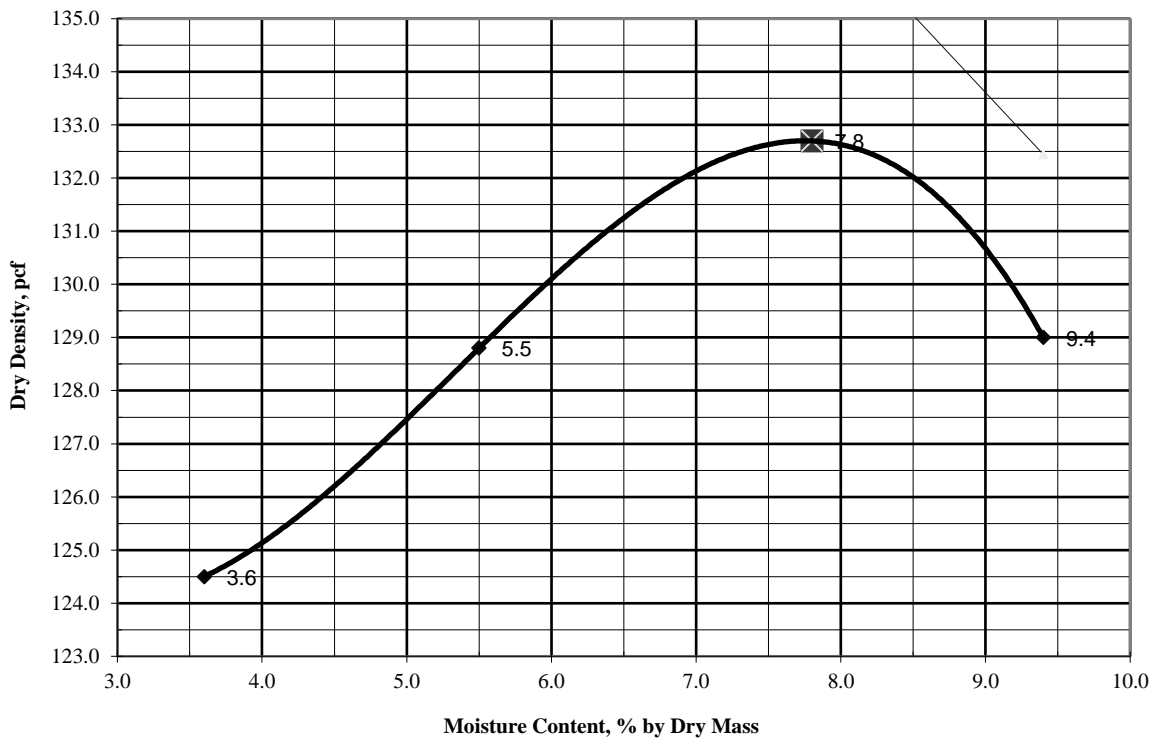
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CLIENT:	M&T Excavation	PROJECT NO.:	221291
PROJECT:	25 Highview	LAB NUMBER:	22-1223B
TEST METHOD:	ASTM D 1557 'Modified Proctor'	Method:	B
SOIL ID NUMBER:	2		
ITEM:	Import Fill		
SOURCE:	2 Perrins Peak Road		
SOIL DESCRIPTION:	Brown Silty Sand w/ Gravel; 49% Sand; 29% Gravel; 22% Silt		
DATE SAMPLED:	9/23/2022	SAMPLED BY:	Client
DATE TESTED:	9/24/2022	TESTED BY:	Mark D'Apice

**REPORT OF MOISTURE DENSITY RELATIONSHIP**



Individual Test Points	
Percent Moisture	Dry Density
3.6	124.5
5.5	128.8
7.8	132.7
9.4	129.0

Uncorrected Maximum Dry Density: 132.7 lb/cu. ft.  
 Uncorrected Optimum Moisture Content: 7.8 %  
 Specific Gravity of Soils \*: 2.65  
 Percent Oversize Particles: 12.4 %  
 Specific Gravity of Oversize\*: 2.67

**Corrected\* Maximum Dry Density: 136.1 lb/cu. ft.**  
**Corrected\* Opt. Moisture Content: 7.0 %**

*\*\*Corrected for oversize, when oversize particles exceed 5% of sample.*

*Emily J. Rodriguez*

Report Reviewed By:

\*Specific Gravity of Soils Estimated and Specific Gravity of Oversize Estimated.

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