



3348 Route 208, Campbell Hall, NY 10916

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

877 US-4 E, Schuylerville, NY 12871

42 Day Farm Road, West Stockbridge, MA 01266

1813 State Route 7, Harpursville, NY 13787

<b>Client:</b>	Aden Aggregates	<b>Project:</b>	Hancock QC 2026
<b>Item:</b>	Subbase (Blue Item #4)	<b>Project Number:</b>	260131
<b>Source:</b>	Hancock Quarry	<b>Lab Number:</b>	H26-016
<b>Date Sampled:</b>	2/16/2026	<b>Sampled By:</b>	Client
<b>Date Tested:</b>	2/16/2026	<b>Tested By:</b>	Jeff Hall

<b>GRADATION (SIEVE ANALYSIS) OF SOIL OR AGGREGATE</b>
Test Method(s): ASTM D422, C136, C117; AASHTO T88, T27, T11

Lab Number	Sample Type	Sampling Location	Specification
H26-016	Subbase (Blue Item #4)	Stockpile	NYSDOT 304-2.02 Type 2

Sieve Size		% Retained	% Passing	Spec. % Pass
mm	Inches			
100.0 mm	4"	0.0	100	
75.0 mm	3"	0.0	100	
63.0 mm	2 1/2"	0.0	100	
50.0 mm	2"	0.0	100	100
37.5 mm	1 1/2"	0.0	100	
25.0 mm	1"	2.4	98	
19.0 mm	3/4"	13.2	84	
12.5 mm	1/2"	22.6	62	
6.3 mm	1/4"	23.8	38	25-60
4.75 mm	#4	4.7	33	
2.00 mm	#10	9.6	24	
0.850 mm	#20	5.2	19	
0.600 mm	#30	1.7	17	
0.425 mm	#40	1.4	15	5-40
0.150 mm	#100	4.9	11	
0.075 mm	#200	2.9	7.6	0-10
Pan		7.6		

Comments: **Test results comply with specification**  
 Minus #200 by wash-sieve method.

*Emily J. Rodriguez*

Report Reviewed By:

The simple acceptance/rejection decision rule is utilized to determine in-tolerance and out of tolerance or pass/fail conditions and no measurement of uncertainty is applied in this determination.

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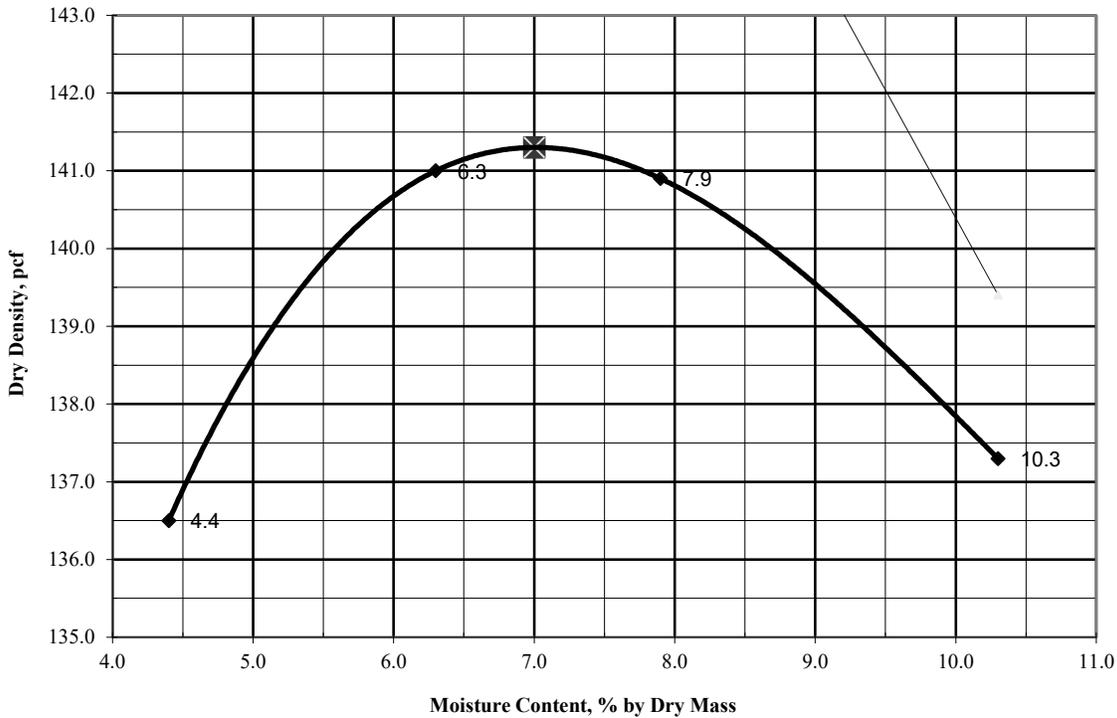
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CLIENT:	Aden Aggregates		PROJECT NO.:	260131
PROJECT:	Hancock QC 2026		LAB NUMBER:	H26-016
TEST METHOD:	ASTM D 1557 'Modified Proctor'		Method:	C
Manual or Automatic Method	Automatic Method	Type of Hammer Face	Sector Face	
SOIL ID NUMBER:	1			
ITEM:	Subbase (Blue Item #4)			
SOURCE:	Hancock Quarry			
SOIL DESCRIPTION:	Brown Crushed Stone W/ Silty Sand (GP w/ Silty Sand)			
DATE SAMPLED:	2/16/2026		SAMPLED BY:	Client
DATE TESTED:	2/16/2026		TESTED BY:	Jeff Hall

**REPORT OF MOISTURE DENSITY RELATIONSHIP**



Individual Test Points	
Percent Moisture	Dry Density
4.4	136.5
6.3	141.0
7.9	140.9
10.3	137.3

Uncorrected Maximum Dry Density: 141.3 lb/cu. ft.  
 Uncorrected Optimum Moisture Content: 7.0 %  
 Specific Gravity of Soils \*: 2.90  
 Percent Oversize Particles: 15.6 %  
 Est. Specific Gravity of Oversize\*: 2.67

**Corrected\* Maximum Dry Density: 144.7 lb/cu. ft.**  
**Corrected\* Opt. Moisture Content: 6.1 %**

\*\*Corrected for oversize, when oversize particles exceed 5% of sample.  
 \*\*Material was oversaturated at 10.3% moisture

*Emily J. Rodriguez*

Report Reviewed By:

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

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