



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

Client:	Aden Aggregates	Project:	Montgomery Yard QC 2025
Item:	Topsoil	Project Number:	250360
Source:	Montgomery Yard	Lab Number:	25-1215
Location:	Stockpile	Item Number:	No Specifications
Date Sampled:	9/8/2025	Sampled By:	Client
Date Tested:	9/10/2025-09/11/2025	Tested By:	Ethan Hart

#### PARTICLE SIZE ANALYSIS BY SIEVE AND HYDROMETER METHOD

Test Method: ASTM D422

Sieve Size	Particle Diameter, mm	Percent Passing	Specification
3/8"	9.50	96.7	
#4	4.75	90.3	
#10	2.00	83.2	
#40	0.425	69.2	
#200	0.075	44.7	
Hydrometer Analysis Results	0.050	40.2	
	0.020	31.8	
	0.010	24.3	
	0.005	18.3	
	0.002	11.5	

SOIL SPECIFIC GRAVITY: 2.67 (As reported separately, or estimated.)

DISPERSION METHOD: Mechanical, 1 min.

SAND & GRAVEL PARTICLES: Hard subrounded to subangular particles

Comments:

COMPOSITION SUMMARY (USDA SIZE DESIGNATIONS)		
Gravel	(3 inches to #10)	16.8%
Fraction Passing #10:		
Sand	(#10 to 0.05 mm)	51.7%
Silt	(0.05 mm to 0.002 mm)	34.5%
Clay	(Less than 0.002 mm)	13.8%
Total		100.0%
USDA Soil Textural Class		Loam

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.

This report shall not be reproduced, except in full, without written permission from Advance Testing Company, Inc.

The results in this report relate only to the items inspected or tested.

PDF