

Advance Testing

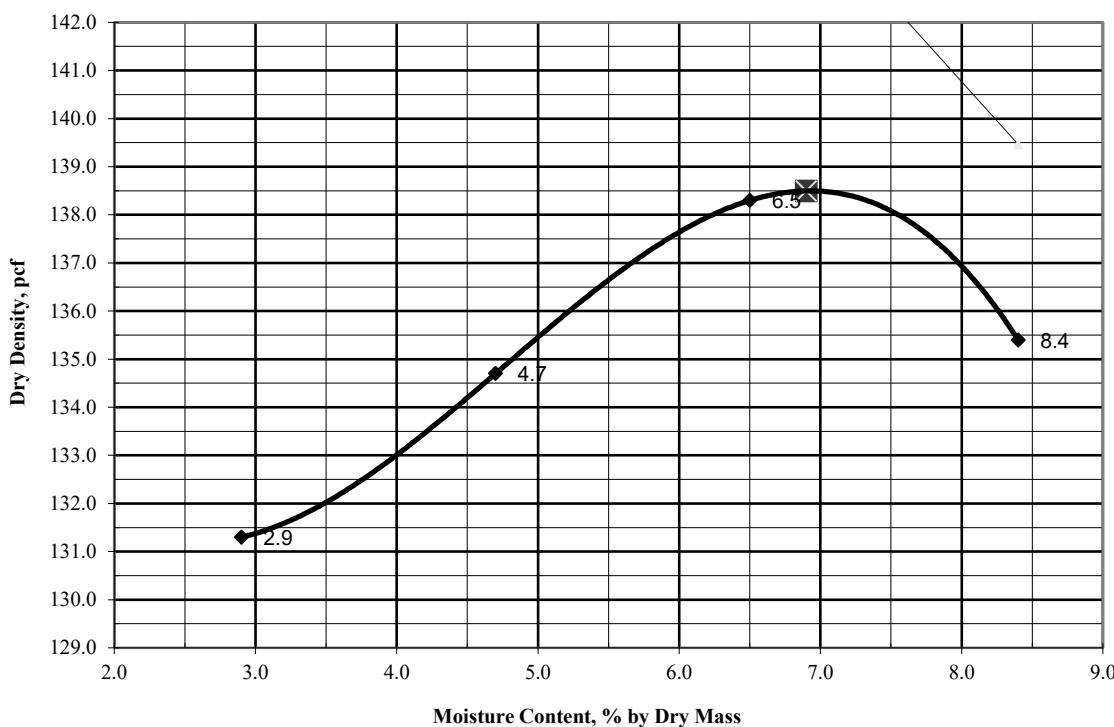
3348 Route 208, Campbell Hall, NY 10916

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

12960 Commerce Lake Drive, A14, Fort Myers, FL 3342 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

CLIENT:	Aden Aggregates		PROJECT NO.:	250460
PROJECT:	Chester Quarry 2025		LAB NUMBER:	25-1364A
TEST METHOD:	ASTM D 1557 'Modified Proctor'		Method:	C
Manual or Automatic Method	Automatic Method	Type of Hammer Face	Sector Face	
SOIL ID NUMBER:	2			
ITEM:	Subbase (Item #4)			
SOURCE:	Chester Quarry			
SOIL DESCRIPTION:	Gray Crushed Stone w/ Silty Sand: 50% Crushed; 44% Sand; 6% Silt			
DATE SAMPLED:	10/6/2025	SAMPLED BY:	Client	
DATE TESTED:	10/10/2025	TESTED BY:	Ethan Hart	

REPORT OF MOISTURE DENSITY RELATIONSHIP



Individual Test Points	
Percent Moisture	Dry Density
2.9	131.3
4.7	134.7
6.5	138.3
8.4	135.4

Uncorrected Maximum Dry Density: 138.5 lb/cu. ft.
 Uncorrected Optimum Moisture Content: 6.9 %
 Specific Gravity of Soils *: 2.75
 Percent Oversize Particles: 2.4 %
 Est. Specific Gravity of Oversize*: 2.67

Corrected* Maximum Dry Density: 138.5 lb/cu. ft.
Corrected* Opt. Moisture Content: 6.9 %

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

**Material was oversaturated at 8.4% moisture

Emily J. Rodriguez

Report Reviewed By:

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

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