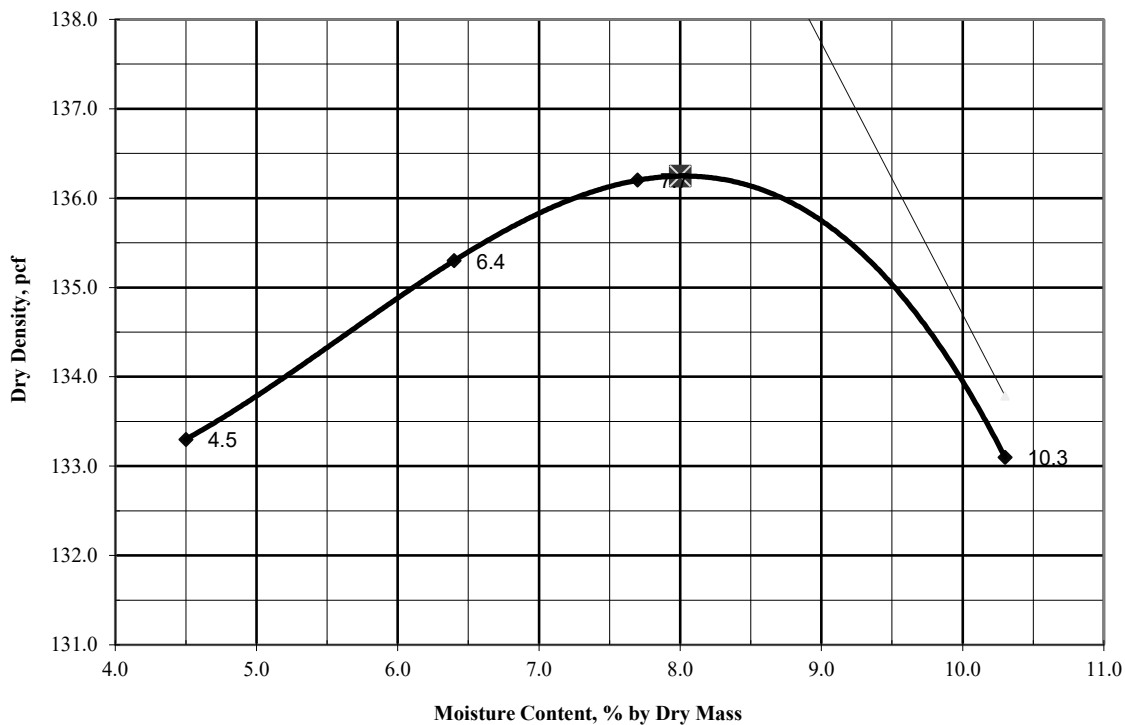




3348 Route 208, Campbell Hall, NY 10916
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12960 Commerce Lake Drive, A14, Fort Myers, FL 33
42 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

CLIENT:	Aden Aggregates		PROJECT NO.:	250005
PROJECT:	Grasso Quarry QC 2025		LAB NUMBER:	25-1403
TEST METHOD:	ASTM D 1557 'Modified Proctor'		Method:	B
Manual or Automatic Method	Automatic Method	Type of Hammer Face	2-inch Circular	
SOIL ID NUMBER:	8			
ITEM:	Manufactured Sand			
SOURCE:	Grasso Quarry			
SOIL DESCRIPTION:	Dark Gray Sand			
DATE SAMPLED:	10/17/2025		SAMPLED BY:	Client
DATE TESTED:	10/20/2025		TESTED BY:	Kara Hausam

REPORT OF MOISTURE DENSITY RELATIONSHIP



Individual Test Points	
Percent Moisture	Dry Density
4.5	133.3
6.4	135.3
7.7	136.2
10.3	133.1

Uncorrected Maximum Dry Density: 136.2 lb/cu. ft.
Uncorrected Optimum Moisture Content: 8.0 %
Specific Gravity of Soils *: 2.75
Percent Oversize Particles: 0.0 %
Est. Specific Gravity of Oversize*: 2.67

Corrected* Maximum Dry Density: 136.2 lb/cu. ft.
Corrected* Opt. Moisture Content: 8.0 %

**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.

PDF

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