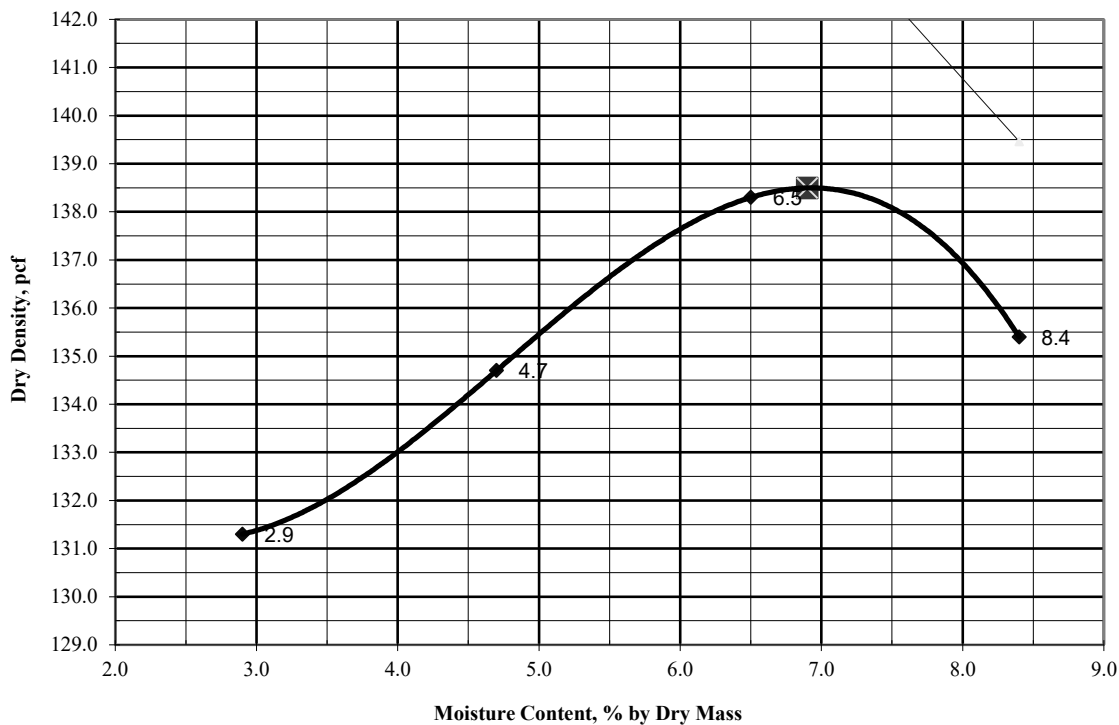




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1813 State Route 7, Harpursville, NY 13787

|                            |  |                     |              |            |
|----------------------------|--|---------------------|--------------|------------|
| 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.

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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