

**VIRGINIA DEPARTMENT OF TRANSPORTATION
MATERIALS DIVISION
REPORT ON THEORETICAL MAXIMUM DENSITY AND OPTIMUM MOISTURE CONTENT
(VTM-1)**

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|-----------------|--------------------------------|---|-----------|
| Report Date: | 3/21/2023 1:14 PM | Production Year: | 2023 |
| Producer Name: | Boxley Materials Company | Plant Name: | Mt. Athos |
| Job Mix ID: | 3030-2018-01 | Max. Dry Density (-No.4 portion): | 145.8 |
| Type Mix: | Aggregate Base Material-Type I | Optimum Moisture Content (-No.4 portion): | 6.8% |
| Size Aggregate: | 21A | Bulk Specific Gravity: | 3.040 |
| Absorption:: | 0.5% | Average percent of +No.4 material: | 60.1% |
| | | Number of Samples Referenced: | 4 |

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|---|-------|
| Corrected Maximum Dry Density (lbs/ft³) | 169.4 |
| Corrected Optimum Moisture Content (%) | 3.6 |

NOTE: This report has been generated by the Materials Information Tracking System (MITS) /
Producer Lab Analysis and Information Details (PLAID).