

**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 1:21 PM | Production Year: | 2023 |
| Producer Name: | Boxley Materials Company | Plant Name: | Blue Ridge Stone Corp. |
| Job Mix ID: | 2004-2014-03 | Max. Dry Density (-No.4 portion): | 135.1 |
| Type Mix: | Aggregate Base Material-Type I | Optimum Moisture Content (-No.4 portion): | 8.7% |
| Size Aggregate: | 21B | Bulk Specific Gravity: | 2.760 |
| Absorption:: | 0.3% | Average percent of +No.4 material: | 58.6% |
| | | Number of Samples Referenced: | 4 |

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|---|-------|
| Corrected Maximum Dry Density (lbs/ft³) | 154.6 |
| Corrected Optimum Moisture Content (%) | 4.4 |

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