

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

Report Date:	3/28/2025 12:16 PM	Production Year:	2025
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:	61.8%
		Number of Samples Referenced:	4

Corrected Maximum Dry Density (lbs/ft³)	155.9
Corrected Optimum Moisture Content (%)	4.1

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