

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

Report Date:	3/28/2025 9:32 AM	Production Year:	2025
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:	54.6%
		Number of Samples Referenced:	4

Corrected Maximum Dry Density (lbs/ft³)	166.9
Corrected Optimum Moisture Content (%)	3.9

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