

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

Report Date:	3/28/2025 9:12 AM	Production Year:	2025
Producer Name:	Boxley Materials Company	Plant Name:	Arvonnia
Job Mix ID:	3032-2019-01	Max. Dry Density (-No.4 portion):	132.8
Type Mix:	Aggregate Base Material-Type I	Optimum Moisture Content (-No.4 portion):	9.7%
Size Aggregate:	21A	Bulk Specific Gravity:	2.780
Absorption::	0.6%	Average percent of +No.4 material:	45.1%
		Number of Samples Referenced:	2

Corrected Maximum Dry Density (lbs/ft³)	148.5
Corrected Optimum Moisture Content (%)	6.0

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