

Moss Neck Quarry
 19198 Tidewater Trail
 Woodford, VA 22580
 1-888-424-2639

Material Certification
 #8 Washed Gravel

Sieve Analysis (ASTM C136)

Sieve Sizes		Test Results		Specifications
Inches	Metric	Percent Passing		ASTM C33
½"	12.5 mm	100%		100%
3/8"	9.5 mm	89%		85% - 100%
#4	4.75 mm	11%		10% - 30%
#8	2.36 mm	1%		0% - 10%
#16	1.18 mm	0%		0% - 5%

Physical Properties & Deleterious Substances

ASTM Designation	Test Method	Test Results	ASTM Specifications
C128	Bulk Specific Gravity SSD	2.65	-
C128	Absorption	0.6%	-
C117	Material Finer than #200	0.1%	1.5%
C131	La Abrasion	30%	50%
C29	Unit Weight (Dry Rodded)	97.3 PCF	-
C40	Organic Impurities	Plate #1	-
C88	Sodium Sulfate	1.0%	12%
C142	Clay Lumps & Friable Particle	0.12%	2.0%
C123	LTWT Particles (Sp Gr 2.4)	0.3%	5.0%
C123	Coal & Lignite (Sp Gr 2.0)	0.0%	0.5%

Other Tests

ASTM Designation	Test Method	Test Results
C1218	Water-Soluble Chloride	0.0019%
D4791	Flat & Elongated	0%
C1701	Infiltration Rate (cm/sec)	3.81

This is to certify that the #8 gravel produced at our Woodford, Virginia Quarry meets the current standards:
MDSHA Table 901 A, VDOT Table II-A, ASTM C33, C404, D448, AASHTO M43

Ronald P. Terrelonge, PE
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 Technical Services Manager

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