

Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:				Specification:		MDOT Pit No.:		Job: N/A		
Fine Aggregate	Jamestown Operation 1860 Riley St.				Man Sand		70-0090SG		Producer: Top Grade Aggregates, LLC		
Sieve	% Passing		Retained Fractional		Percents Cumulative		3-2025	Sample Date:		5/15/2025	
			Weight	Percent	Retained	Passing	Initial Weight of Sample		731	gm	
2-1/2"							Weight After Washing		723	gm	
2"							Loss By Washing	0 - 3.0%	8	gm	1.1 %
1-1/2"							Fineness Modulus				
1"							Crushed Material			gm	%
3/4"							Organic Plate No.				
1/2"							Clay-Ironstone			gm	%
3/8"	100	100	0	0.0	0.0	100	(1) Soft Particles Including:				
No. 4 (3/16")	95	100	1	0.1	0.1	100	Clay-Ironstone			gm	%
No. 8 (3/32")	70	85	203	27.8	27.9	72	(2) Chert			gm	%
No. 16 (3/64")	50	60	130	17.8	45.7	54	Sum of (1) + (2)			gm	
No. 30 (±1/32" - 1/64")	35	45	111	15.2	60.9	39	Material:		Meets	X	Fails
No. 50	15	30	158	21.6	82.5	18	REMARKS: Current Production in Jamestown Moisture- 6.6%				
No. 100	0	10	109	14.9	97.4	3					
No. 200							Aggregate Technician (eSignature):		Test Date:		
PAN	0	5	11	1.5	98.9		Andy Swett		5/15/2025		
LBW	0	3	8	1.1	100.0		Certification Number: 104148-0427		4/30/2027		
TOTAL			731	100.0							