

Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:			Specification:		MDOT Pit No.:		Job: N/A			
Granular	Battle Creek Operation 3900 West Dickman Rd.			Class III		13-1000		Producer: Top Grade Aggregates, LLC			
Sieve	% Passing		Retained Fractional	Percents Cumulative		Test: Load Out	Sample Date:		8/12/2025		
			Weight	Percent	Retained	Passing	Initial Weight of Sample		3896	gm	
6"	100	100	0	0.0	0.0	100	Weight After Washing		3546	gm	
3"	95	100	0	0.0	0.0	100	Loss By Washing	0 - 15%	350	gm	9
2"			0	0.0	0.0	100	Fineness Modulus				
1-1/2"			0	0.0	0.0	100	Crushed Material			gm	%
1"			170	4.4	4.4	96	Organic Plate No.				
3/4"			177	4.5	4.5	96	Clay-Ironstone			gm	%
1/2"			187	4.8	9.3	91	(1) Soft Particles Including:				
3/8"			156	4.0	13.3	87	Clay-Ironstone			gm	%
No. 4	50	100	321	8.2	21.5	78	(2) Chert			gm	%
No. 8			266	6.8	28.3	72	Sum of (1) + (2)			gm	
No. 16			257	6.6	34.9	65	Material:		Meets	X	Fails
No. 30			429	11.0	45.9	54	REMARKS: Meets all MDOT Class III Requirements				
No. 50			966	24.8	70.7	29	Moisture- 5.23%				
No. 100			488	12.5	83.2	17	Aggregate Technician (eSignature):		Test Date:		
PAN			129	3.4	86.6		Andy Swett		8/12/2025		
LBW			350	9.0	95.6						
TOTAL			3896	100.0			Certification Number: 104148-0427		Expires: 4/30/2027		