


Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:			Specification:		MDOT Pit No:		Job: N/A			
Dense Graded Aggregate	Patterson Reserve 3300 N. Patterson Rd. Middleville			22A (Natural)		08-0018SG YD-0005		Producer: Top Grade Aggregates, LLC			
Sieve	% Passing		Retained Fractional	Percents Cumulative		Test: 31-2025	Sample Date:		1/7/2026		
			Weight	Percent	Retained	Passing	Initial Weight of Sample		3115	gm	
2-1/2"							Weight After Washing		2882	gm	
2"							Loss By Washing	4 - 8%	233	gm	7 %
1-1/2"							Crushed Material	25% min	412	gm	57 %
1"	100	100	0	0.0	0.0	100	Organic Plate No.				
3/4"	90	100	110	3.5	3.5	97	Clay-Ironstone			gm	%
1/2"			383	12.3	15.8	84	(1) Soft Particles Including:				
3/8"	65	85	230	7.4	23.2	77	Clay-Ironstone			gm	%
No. 4			567	18.2	41.4	59	(2) Chert			gm	%
No. 8	30	50	428	13.7	55.1	45	Sum of (1) + (2)			gm	
No. 16			333	10.7	65.8	34	Material:		Meets	X	Fails
No. 30							REMARKS: Meets all 22A Natural Requirements Pick Wt- 725 Moisture- 5.8%				
No. 50											
No. 100							Aggregate Technician (eSignature):		Test Date:		
No. 200							 Andy Swett		1/8/2025		
PAN			828	26.7	92.5	7	Certification Number: 104148-0427		Expires: 4/30/2027		
LBW			233	7.5	100.0	0	Endorsements: ABCDEFG		Level II		
TOTAL			3112	100.0							