

## Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:			Specification:		MDOT Pit No.:		Job: N/A				
Dense Graded Aggregate	Saugatuck Operation			21AA CC		YD-0002		Producer: Top Grade Aggregates, LLC				
Sieve	% Passing		Retained Fractional		Percents Cumulative		Test: 1-2025	Sample Date:		5/13/2025		
			Weight	Percent	Retained	Passing	Initial Weight of Sample		3736	gm		
2-1/2"			0	0.0	0.0	100	Weight After Washing		3533	gm		
2"			0	0.0	0.0	100	Loss By Washing	4 - 7%	203	gm	5	%
1-1/2"	100	100	0	0.0	0.0	100	Fineness Modulus		-		-	
1"	85	100	335	9.0	9.0	85	Crushed Material	95% min	1258	gm	98	%
3/4"			212	5.7	14.7	85	Organic Plate No.					
1/2"	50	75	398	10.7	25.4	75	Clay-Ironstone			gm		%
3/8"			336	9.0	34.4	66	(1) Soft Particles Including:					
No. 4			509	13.6	48.0	52	Clay-Ironstone			gm		%
No. 8	20	45	334	8.9	56.9	43	(2) Chert			gm		%
No. 16			220	5.9	62.8	37	Sum of (1) + (2)			gm		
No. 30			191	5.1	67.9	32	Material:		Meets	X	FAILS	
No. 50							<b>REMARKS: Meets all 21AA Requirements.</b>					
No. 100							<b>Moisture- 5.5%</b>					
No. 200							Aggregate Technician (eSignature):		Test Date:			
PAN			998	26.7	94.6	5	Andy Swett		5/13/2025			
LBW			203	5.4	100.0	0						
<b>TOTAL</b>			3736	100.0			Certification Number: 104148-0427		Expires: 4/30/2027			