


## Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:			Specification:		MDOT Pit No.:				
Course Aggregate	Jenison Operation 1601 Chicago Dr. Jenison, MI			5/8" Washed Natural	17A	RDP 70-YD-0238		Producer: Top Grade Aggregates, LLC		
Sieve	% Passing	Retained Fractional	Percents Cumulative		Test: Loadout	Sample Date:		9/19/2025		
		Weight	Percent	Retained	Passing	Initial Weight of Sample		2602	gm	
2-1/2"						Weight After Washing		2581	gm	
2"						Loss By Washing	Max 3%	21	gm	0.8
1-1/2"						Fineness Modulus				
1"	100	0	0.0	0.0	100	Crushed Material			gm	%
3/4"	90-100	0	0.0	0.0	100	Clay-Ironstone			gm	%
1/2"	50-75	732	28.1	28.1	72	(1) Soft Particles Including:				
3/8"		1408	54.1	82.2	18	Clay-Ironstone			gm	%
No. 4 (3/16")	0-8	445	17.1	99.3	1	(2) Chert			gm	%
No. 8 (3/32")		2	0.1	99.4	1	Sum of (1) + (2)			gm	
No. 16 (3/64")		0	0.0	99.4	1	Material:	Meets	X	FAILS	-
No. 30 (1/32" to 1/64")		0	0.0	99.4	1	REMARKS: Meets 17A Requirements				
No. 50		0	0.0	99.4	1	Moisture-1.3%				
No. 100		0	0.0	99.4	1	Aggregate Technician (eSignature):		Test Date:		
No. 200						 Andy Swett		9/19/2025		
PAN		4	0.2	99.6						
LBW		11	0.4	100.0		Certification Number: 104148-0427		Expires: 4/30/2027		
<b>TOTAL</b>		2602	100.0			Endorsements: ABCDEFG		Level II		