


Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:			Specification:		MDOT Pit No.:				
Course Aggregate	Jenison Operation 1601 Chicago Dr. Jenison, MI			34R (Peastone)		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		2307	gm	
2-1/2"						Weight After Washing		2285	gm	
2"						Loss By Washing	Max 3%	22	gm	1.0 %
1-1/2"						Fineness Modulus				
1"		0	0.0	0.0	100	Crushed Material			gm	%
3/4"		0	0.0	0.0	100	Clay-Ironstone			gm	%
1/2"	100	12	0.5	0.5	100	(1) Soft Particles Including: Clay-Ironstone				
3/8"	90-100	104	4.5	5.0	95				gm	%
No. 4 (3/16")		1992	86.4	91.4	9	(2) Chert			gm	%
No. 8 (3/32")	0-5	178	7.7	99.1	1	Sum of (1) + (2)			gm	
No. 16 (3/64")		2	0.1	99.2	1	Material:	Meets	X	Fail	-
No. 30 (1/32" to 1/64")		0	0.0	99.2	1	REMARKS: Meets all 34R Requirements. Moisture-2.1%				
No. 50		0	0.0	99.2	1					
No. 100		0	0.0	99.2	1	Aggregate Technician (eSignature):		Test Date:		
No. 200						 Andy Swett		9/19/2025		
PAN		8	0.3	99.5						
LBW		11	0.5	100.0		Certification Number: 104148-0427		Expires: 4/30/2027		
TOTAL		2307	100.0			Endorsements: ABCDEFG		Level II		