


Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:		Specification:		MDOT Pit No.:		Job: N/A			
	Jamestown Reserve 1860 Riley St. Hudsonville, MI		3/4 x 1/2" Crushed		70-0090SG		Producer: Top Grade Aggregates, LLC			
Sieve	% Passing	Retained Fractional		Percents Cumulative		Test: Production	Sample Date:		8/19/2025	
		Weight	Percent	Retained	Passing	Initial Weight of Sample		2834	gm	
2-1/2"						Weight After Washing		2817	gm	
2"						Loss By Washing	≤1.0%	17	gm	0.6
1-1/2"		0	0.0	0.0	100	Fineness Modulus				
1"		0	0.0	0.0	100	Crushed Material	95% Min	2650	gm	95
3/4"		31	1.1	1.1	99	Clay-Ironstone			gm	%
1/2"		1887	66.6	67.7	32	(1) Soft Particles Including:				
3/8"		719	25.4	93.1	7	Clay-Ironstone			gm	%
No. 4		162	5.7	98.8	1	(2) Chert			gm	%
No. 8		2	0.1	98.9	1	Sum of (1) + (2)			gm	%
No. 16		1	0.0	98.9	1	Material:		Meets		Fails
No. 30						REMARKS: For gradation. Pk Weight- 2,799				
No. 50										
No. 100						Aggregate Technician (eSignature):			Test Date:	
No. 200						 Andy Swett			8/20/2025	
PAN		15	0.5	99.4		Certification Number: 104148-0427			Expires: 4/30/2027	
LBW		17	0.6	100.0		Endorsements: ABCDEFG			Level II	
TOTAL		2834	100.0							