


## Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:	Specification:	MDOT Pit No.:	Job: N/A							
Granular	Jamestown Reserve 1860 Riley St. Hudsonville, MI	Class II Sand	70-0082SG	Producer: Top Grade Aggregates, LLC							
Sieve	% Passing	Retained Fractional	Percents Cumulative		Test: 1-2025	Sample Date:	7/21/2025				
		Weight	Percent	Retained	Passing	Initial Weight of Sample	1758	gm			
3"	100	100	0	0.0	0.0	100	Weight After Washing	1713	gm		
2-1/2"		0	0.0	0.0	100	Loss By Washing	0 - 7%	45	gm	3	%
2"		0	0.0	0.0	100	Fineness Modulus					
1-1/2"		0	0.0	0.0	100	Crushed Material			gm		%
1"	60	100	0	0.0	0.0	100	Clay-Ironstone		gm		%
3/4"		0	0.0	0.0	100	(1) Soft Particles Including:					
1/2"		0	0.0	0.0	100		Clay-Ironstone		gm		%
3/8"		0	0.0	0.0	100	(2) Chert		gm		%	
No. 4	50	100	60	3.4	3.4	97	Sum of (1) + (2)		gm		
No. 8			263	15.0	18.4	82	Material:	Meets	X	FAILS	
No. 16			278	15.8	34.2	66	<b>REMARKS: Meets all Class II Sand Requirements.</b> <b>Nominal Screen size-3/8"</b> <b>Moisture- 2.1%</b>				
No. 30			372	21.2	55.4	45					
No. 50			528	30.0	85.4	15					
No. 100	0	30	181	10.3	95.7	4	Aggregate Technician (eSignature):	Test Date:			
No. 200			0	0.0	95.7	4	 Andy Swett	7/21/2025			
PAN			31	1.8	97.5						
LBW			45	2.5	100.0		Certification Number: 104148-0427		Expires: 4/30/27		
<b>TOTAL</b>			1758	100.0			Endorsements: ABCDEFG		Level II		