


Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:				Specification:		MDOT Pit No.:		Job: N/A			
Dense Graded Aggregate	Battle Creek Operation 3900 W. Dickman Rd. Battle Creek				21AA Crushed Concrete		YD-0217		Producer: Top Grade Aggregates, LLC			
Sieve	% Passing		Retained Fractional		Percents Cumulative		Test: 17-2025	Sample Date:		10/1/2025		
			Weight	Percent	Retained	Passing	Initial Weight of Sample		3716	gm		
2-1/2"			0	0.0	0.0	100	Weight After Washing		3502	gm		
2"			0	0.0	0.0	100	Loss By Washing	4 - 8%	214	gm	6	%
1-1/2"	100	100	0	0.0	0.0	100	Fineness Modulus		-		-	
1"	85	100	499	13.4	13.4	87	Crushed Material	95% min	1582	gm	98	%
3/4"			498	13.4	26.8	79	Foreign Material	5% Max	48	gm	3.0%	%
1/2"	50	75	386	10.5	37.3	63	Pick Weight		1604	gm	273	Ct
3/8"			221	5.9	43.2	57	Foreign Material Pick Count		32		11.7	%
No. 4			408	11.0	54.2	46	Clay-Ironstone			gm		%
No. 8	20	45	299	8.0	62.2	38	(2) Chert			gm		%
No. 16			245	6.6	68.8	31	Material:		Meets	X	Fails	
No. 30							REMARKS: Meets all 21AA Requirements. Commercial use only Moisture- 5.1% Pick Wt- 1604					
No. 50												
No. 100							Aggregate Technician (eSignature):			Test Date:		
No. 200							 Andy Swett			10/3/2025		
PAN			946	25.4	94.2	6	Certification Number: 104148-0427				Expires: 4/30/2027	
LBW			214	5.8	100.0	0	Endorsements: ABCDEFG				Level II	
TOTAL			3716	100.0								