

**GENEVA ROCK PRODUCTS, INC.**

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**AGGREGATE SUBMITTAL
Report of Physical Properties****Project Name:****GRP Material Description:** Rock, Unwashed, 3/4"**Report Date:** September 9, 2026**GRP Material Code:** ROCD2**Reviewed by:** Dan McDaniel**Source Location/Code:** North Hansen / 527**Report No.** 527ROCD200326

TEST RESULTS				
Standard	PHYSICAL PROPERTIES		Result	Test Source
ASTM C 29 AASHTO T19	Unit Weight	Unit Weight, lbs./cu.ft. =	94	
		Voids, % =	41	
		☐ Jigged ☐ Loose ☒ Rodded		
ASTM D1557 AASHTO T180	Modified Proctor	Max. density, lbs./cu.ft. = Optimum Moisture, % =		
ASTM D698 AASHTO T99	Standard Proctor	Max. density, lbs./cu.ft. = Optimum Moisture, % =		
ASTM D4318 AASHTO T89/90	Liquid Limit Plastic Limit Plasticity Index	Liquid Limit=	0	
		Plastic Limit=	0	
		Plasticity Index=	NP	
ASTM C131 AASHTO T96	L.A. Abrasion	Small Coarse Loss, % = Grading/Revolutions, =	20 B/500	
ASTM C535	L.A. Abrasion	Large Coarse Loss, % = Grading/Revolutions, =		
ASTM C 128 AASHTO T84	Fine Specific Gravity & Absorption	Bulk Specific Gravity (dry) =		
		Bulk Specific Gravity, SSD =		
		Apparent Specific Gravity =		
		Absorption, % =		
ASTM C 127 AASHTO T85	Coarse Specific Gravity & Absorption	Bulk Specific Gravity (dry) =	2.544	
		Bulk Specific Gravity, SSD =	2.573	
		Apparent Specific Gravity =	2.620	
		Absorption, % =	1.1	
ASTM D2419 AASHTO T176	Sand Equivalent	Sand Equivalent, % =		
ASTM C 88 AASHTO T104	Soundness	Coarse Soundness Loss, % = Sodium No. of Cycles =	1 5	
	Soundness	Fine Soundness Loss, % = Sodium No. of Cycles =		
ASTM C 1252 AASHTO T304	Fine Aggregate Angularity	Uncompacted Voids, % = Method C (as received material)		
ASTM C40 AASHTO T21	Organic Impurities	Coarse Aggregate, % = Fine Aggregate, % =	0.0	
ASTM C142 AASHTO T112	Clay / Friable Particles	Coarse Aggregate, % = Fine Aggregate, % =	0.0	
ASTM C123 AASHTO T113	Lightweight Pieces	Coarse Aggregate, % = Fine Aggregate, % =	0.0	
ASTM D1883 AASHTO T193	CBR	Surcharge = 10 lbs CBR @ 0.1"= Swell% = 0.0% CBR @ 0.2"=		
ASTM D5821	Fractured Face	Fractured Faces = Fractured Face, % =		1 =100 2 =99 3 = 97
AASHTO T289	9.2 PH	Group Symbol = Group Name =		A A
AASHTO T288 Resistivity 10300 OHM-CM			AASHTO T267 Chlorides 5.08 PPM	
			AASHTO T290 Sulfates 5.00 PPM	

SIEVE ANALYSIS		
ASTM C136 AASHTO T27		
Sieve Size	% Passing	Spec.
450 mm (18")		
375 mm (15")		
300 mm (12")		
250 mm (10")		
225 mm (9")		
200 mm (8")		
150 mm (6")		
125 mm (5")		
100 mm (4")		
75.0 mm (3")		
63.0 mm (2-1/2")		
50.0 mm (2")		
37.5 mm (1-1/2")		
25.0 mm (1")		
19.0 mm (3/4")	100	
12.5 mm (1/2")	49	
9.5 mm (3/8")	21	
6.3 mm (1/4")		
4.75 mm (No.4)	6	
2.36 mm (No.8)	4	
2.00 mm (No.10)		
1.18 mm (No.16)	3	
0.600 mm (No.30)		
0.425 mm (No.40)		
0.300 mm (No.50)	2	
0.180 mm (No.80)		
0.150 mm (No.100)		
0.075 mm (No.200)	1.2	
ASTM D422		
Hydrometer =		
ASTM C566 AASHTO T255		
Moisture Content, % =		
ASTM C136 AASHTO T27		
Fineness Modulus (FM) =		
AASHTO M145		
Classification of Soils =		A1A
ASTM D4791 Ratio =	5:1	
Flat & Elongated, % =		0