



GENEVA ROCK PRODUCTS, INC.

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AGGREGATE SUBMITTAL Report of Physical Properties

GRP Material Description: 6" to 3" Rock

Report Date: September 4, 2026

GRP Material Code: RIPRS

Reviewed by: Dan McDaniel

Source Location/Code: Pelican Point / 520

Report No. RIPRSD5200326

TEST RESULTS					SIEVE ANALYSIS		
Standard	PHYSICAL PROPERTIES		Result	Test Source	ASTM C136	AASHTO T27	
ASTM C 29 AASHTO T19	Unit Weight	Unit Weight, lbs./cu.ft. =			Sieve Size	% Passing	Spec.
	Weight	Voids, % =			42"		
ASTM D1557 AASHTO T180	Modified Proctor	Max. density, lbs./cu.ft. =					
		Optimum Moisture, % =					
ASTM D698 AASHTO T99	Standard Proctor	Max. density, lbs./cu.ft. =			9"		
		Optimum Moisture, % =			200 mm (8")	100	
ASTM D4318 AASHTO T89/90	Liquid Limit Plastic Limit Plasticity Index	Liquid Limit = Plastic Limit = Plasticity Index =	0 0 NP		150 mm (6")	98	
ASTM C131 AASHTO T96	L.A. Abrasion	Small Coarse Loss, % = Grading/Revolutions, =			125 mm (5")	65	
ASTM C535	L.A. Abrasion	Large Coarse Loss, % = Grading/Revolutions, =	24.0 2/1000		100 mm (4")	15	
ASTM C 128 AASHTO T84	Fine Specific Gravity & Absorption	Bulk Specific Gravity (dry) = Bulk Specific Gravity, SSD = Apparent Specific Gravity = Absorption, % =			75.0 mm (3")	3	
ASTM C 127 AASHTO T85	Coarse Specific Gravity & Absorption	Bulk Specific Gravity (dry) = Bulk Specific Gravity, SSD = Apparent Specific Gravity = Absorption, % =	2.614 2.640 2.683 1.000		63.0 mm (2-1/2")		
ASTM D2419 AASHTO T176	Sand Equivalent	Sand Equivalent, % =			50.0 mm (2")		
ASTM C 88 AASHTO T104	Soundness	Coarse Soundness Loss, % = Magnesium No. of Cycles =	0.5 5		37.5 mm (1-1/2")		
	Soundness	Fine Soundness Loss, % = Magnesium No. of Cycles =			25.0 mm (1")		
ASTM C 1252 AASHTO T304	Fine Aggregate Angularity	Uncompacted Voids, % = Method C (as received material)			19.0 mm (3/4")		
ASTM C40 AASHTO T21	Organic Impurities	Coarse Aggregate, % = Fine Aggregate, % =			12.5 mm (1/2")		
ASTM C142 AASHTO T112	Clay / Friable Particles	Coarse Aggregate, % = Fine Aggregate, % =			9.5 mm (3/8")		
ASTM C123 AASHTO T113	Lightweight Pieces	Coarse Aggregate, % = Fine Aggregate, % =			6.3 mm (1/4")		
ASTM D1883 AASHTO T193	CBR	Surcharge = 10 lbs CBR @ 0.1"= Swell% = 0.0% CBR @ 0.2"=			4.75 mm (No.4)		
ASTM D5821	Fractured Face	1 or 2 Faces = Fractured Face, % =	2 100		2.36 mm (No.8)		
ASTM D2487	Soil Classification	Group Symbol = Group Name =			2.00 mm (No.10)		
ASTM D2488	Soil Description & Identification	Group Symbol = Group Name =			1.18 mm (No.16)		

ASTM D422	Hydrometer =	
ASTM C566 AASHTO T255	Moisture Content, % =	
ASTM C136 AASHTO T27	Fineness Modulus (FM) =	
AASHTO M145	Classification of Soils =	
ASTM D4791	Ratio =	
	Flat & Elongated =	