



GENEVA ROCK PRODUCTS, INC.

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AGGREGATE SUBMITTAL Report of Physical Properties

GRP Material Description: 18 to 6

Report Date: September 10, 2026

GRP Material Code: RIPRSP

Reviewed by: Dan McDaniel

Source Location/Code: Pelican Point / 520

Report No. RIPRSP000326

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"		
					20"	100	
ASTM D1557 AASHTO T180	Modified Proctor	Max. density, lbs./cu.ft. =			18"	98	
		Optimum Moisture, % =			16"	68	
ASTM D698 AASHTO T99	Standard Proctor	Max. density, lbs./cu.ft. =			12"	45	
		Optimum Moisture, % =			200 mm (8")	12	
ASTM D4318 AASHTO T89/90	Liquid Limit	Liquid Limit=	0		150 mm (6")	2	
	Plastic Limit	Plastic Limit=	0		125 mm (5")		
	Plasticity Index	Plasticity Index=	0		100 mm (4")		
ASTM C131 AASHTO T96	L.A. Abrasion	Small Coarse Loss, % =			75.0 mm (3")	1	
		Grading/Revolutions, =			63.0 mm (2-1/2")		
ASTM C535	L.A. Abrasion	Large Coarse Loss, % =	24.0		50.0 mm (2")		
		Grading/Revolutions, =	2/1000		37.5 mm (1-1/2")		
ASTM C 128 AASHTO T84	Fine Specific Gravity & Absorption	Bulk Specific Gravity (dry) =			25.0 mm (1")		
		Bulk Specific Gravity, SSD =			19.0 mm (3/4")		
		Apparent Specific Gravity =			12.5 mm (1/2")		
		Absorption, % =			9.5 mm (3/8")		
ASTM C 127 AASHTO T85	Coarse Specific Gravity & Absorption	Bulk Specific Gravity (dry) =	2.678		6.3 mm (1/4")		
		Bulk Specific Gravity, SSD =	2.692		4.75 mm (No.4)		
		Apparent Specific Gravity =	2.716		2.36 mm (No.8)		
		Absorption, % =	0.500		2.00 mm (No.10)		
ASTM D2419 AASHTO T176	Sand Equivalent	Sand Equivalent, % =			1.18 mm (No.16)		
					0.600 mm (No.30)		
ASTM C 88 AASHTO T104	Soundness	Coarse Soundness Loss, % =	0.5		0.425 mm (No.40)		
		Magnesium No. of Cycles =	5		0.300 mm (No.50)		
	Soundness	Fine Soundness Loss, % =			0.180 mm (No.80)		
		Magnesium No. of Cycles =			0.150 mm (No.100)		
ASTM C 1252 AASHTO T304	Fine Aggregate Angularity	Uncompacted Voids, % =			0.075 mm (No.200)		
		Method C (as received material)			ASTM D422		
ASTM C40 AASHTO T21	Organic Impurities	Coarse Aggregate, % =			Hydrometer =		
		Fine Aggregate, % =			ASTM C566 AASHTO T255		
ASTM C142 AASHTO T112	Clay / Friable Particles	Coarse Aggregate, % =			Moisture Content, % =		
		Fine Aggregate, % =			ASTM C136 AASHTO T27		
ASTM C123 AASHTO T113	Lightweight Pieces	Coarse Aggregate, % =			Fineness Modulus (FM) =		
		Fine Aggregate, % =			AASHTO M145		
ASTM D1883 AASHTO T193	CBR	Surcharge = 10 lbs CBR @ 0.1"=			Classification of Soils =		
		Swell% = 0.0% CBR @ 0.2"=			ASTM D4791 Ratio =		
ASTM D5821	Fractured Face	1 or 2 Faces =	2		Flat & Elongated =		
		Fractured Face, % =	100				
ASTM D2487	Soil Classification	Group Symbol =					
		Group Name =					
ASTM D2488	Soil Description & Identification	Group Symbol =					
		Group Name =					