GENEVA ROCK PRODUCTS, INC.
1565 West 400 North ● P.O. Box 538 ● Orem, UT 84059 ● (801) 765-7800 ● Fax (801) 765-7830 ● www.genevarock.com

AGGREGATE SUBMITTAL

Report of Physical Properties

GRP Material Description: Unsized Bankrun
GRP Material Code: SFIL
Source Location/Code: Perry / 590
Report Date: September 11, 2026
Reviewed by: Dan McDaniel
Report No. 590SFIL00326

TEST RESULTS				
Standard	**PHYSICAL PROPERTIES**		**Result**	**Test Source**
ASTM C 29	**Unit**	Unit Weight, lbs./cu.ft. =	**125**	
AASHTO T19	**Weight**	Voids, % =	**23**	
		☐ Jigged ☐ Loose ☑ Rodded		
ASTM D1557	**Modified**	Max. density, lbs./cu.ft. =	**142.5**	
AASHTO T180	**Proctor**	Optimum Moisture, % =	**4.4**	
ASTM D698	**Standard**	Max. density, lbs./cu.ft. =	**139.5**	
AASHTO T99	**Proctor**	Optimum Moisture, % =	**6**	
ASTM D4318	**Liquid Limit**	Liquid Limit=	**0**	
AASHTO T89/90	**Plastic Limit**	Plastic Limit=	**0**	
	Plasticity Index	Plasticity Index=	**NP**	
ASTM C131	**L.A.**	Small Coarse Loss, % =		
AASHTO T96	**Abrasion**	Grading/Revolutions, =		
ASTM C535	**L.A.**	Large Coarse Loss, % =	**29**	
	Abrasion	Grading/Revolutions, =	**3/1000**	
	Fine	Bulk Specific Gravity (dry) =		
ASTM C 128	**Specific**	Bulk Specific Gravity, SSD =		
AASHTO T84	**Gravity &**	Apparent Specific Gravity =		
	Absorption	Absorption, % =		
	Coarse/Fine	Bulk Specific Gravity (dry) =	**2.622**	
ASTM C 127/128	**Specific**	Bulk Specific Gravity, SSD =	**2.651**	
AASHTO T85T84	**Gravity &**	Apparent Specific Gravity =	**2.702**	
	Absorption	Absorption, % =	**1.1**	
ASTM D2419	**Sand**	Sand Equivalent, % =		
AASHTO T176	**Equivalent**			
	Soundness	Coarse Soundness Loss, % =	**1**	
ASTM C 88		Magnesium No. of Cycles =	**5**	
AASHTO T104	**Soundness**	Fine Soundness Loss, % =		
		Magnesium No. of Cycles =		
ASTM C 1252	**Fine Aggregate**	Uncompacted Voids, % =		
AASHTO T304	**Angularity**	Method C (as received material)		
ASTM C40	**Organic**	Coarse Aggregate, % =		
AASHTO T21	**Impurities**	Fine Aggregate, % =		
ASTM C142	**Clay / Friable**	Coarse Aggregate, % =		
AASHTO T112	**Particles**	Fine Aggregate, % =		
ASTM C123	**Lightweight**	Coarse Aggregate, % =		
AASHTO T113	**Pieces**	Fine Aggregate, % =		
ASTM D1883	**CBR**	Surcharge = 10 lbs CBR @ 0.1"=	**53**	
AASHTO T193		Swell% = 0.0% CBR @ 0.2"=	**60**	
ASTM D5821	**Fractured Face**	1 Fractured Face	**64**	
		2 Fractured Face	**53**	

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")	**98**	
63.0 mm (2-1/2")		
50.0 mm (2")	**92**	
37.5 mm (1-1/2")	**85**	
25.0 mm (1")	**80**	
19.0 mm (3/4")	**75**	
12.5 mm (1/2")	**65**	
9.5 mm (3/8")	**59**	
6.3 mm (1/4")		
4.75 mm (No.4)	**45**	
2.36 mm (No.8)	**34**	
2.00 mm (No.10)	**30**	
1.18 mm (No.16)	**26**	
0.600 mm (No.30)	**23**	
0.425 mm (No.40)	**22**	
0.300 mm (No.50)	**19**	
0.180 mm (No.80)		
0.150 mm (No.100)	**12**	
0.075 mm (No.200)	**7.5**	
ASTM D422		
Hydrometer =		
ASTM C566 AASHTO T255		
Moisture Content, % =		
ASTM C136 AASHTO T27		
Fineness Modulus (FM) =		
AASHTO M145	**A1A**	
Classification of Soils =		
ASTM D4791 Ratio =	**1:5**	
Flat & Elongated =	**0.8**	

PH of Soils	**8.5**	Direct Shear Friction Angle	**42.1**
Chlorides	**42.1 PPM**	Organic Content	**0.36%**
Resistivity	**10170 ohm*cm**	Hydrometer	**6**
Sulfates	**14 PPM**		

For technical support please call the Point of the Mountain Laboratory: SLC 801-281-7958, Orem 801-765-7958