GENEVA ROCK PRODUCTS, INC.



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AGGREGATE SUBMITTAL

Report of Physical Properties

GRP Material Description:	CHIP, Unwashed, Type A	Report Date:	July 20, 2023
GRP Material Code:	CHPA	Reviewed by:	Dan McDaniel
Source Location/Code:	North Hansen / 527	Report No.	527CHPA00223

TEST RESULTS							
Standard	PHYS	SICAL PROPERTIES	Result	Test Source			
ASTM C 29	Unit	Unit Weight, lbs./cu.ft. =	91				
AASHTO T19	Weight	Voids, % =	43				
	_	☐ Jigged ☐ Loose ✓ Rodded					
ASTM D1557	Modified	Max. density, lbs./cu.ft. =					
AASHTO T180	Proctor	Optimum Moisture, % =					
ASTM D698	Standard	Max. density, lbs./cu.ft. =					
AASHTO T99	Proctor	Optimum Moisture, % =					
ASTM D4318	Liquid Limit	Liquid Limit=					
AASHTO T89/90	Plastic Limit	Plastic Limit=					
	Plasticity Index	Plasticity Index=					
ASTM C131	L.A.	Small Coarse Loss, % =	20				
AASHTO T96	Abrasion	Grading/Revolutions, =	C/500				
ASTM C535	L.A.	Large Coarse Loss, % =					
	Abrasion	Grading/Revolutions, =					
	Fine	Bulk Specific Gravity (dry) =					
ASTM C 128	Specific	Bulk Specific Gravity, SSD =					
AASHTO T84	Gravity &	Apparent Specific Gravity =					
	Absorption	Absorption, % =					
	Coarse	Bulk Specific Gravity (dry) =	2.539				
ASTM C 127	Specific	Bulk Specific Gravity, SSD =	2.571				
AASHTO T85	Gravity &	Apparent Specific Gravity =	2.622				
	Absorption	Absorption, % =	1.2				
ASTM D2419	Sand	Sand Equivalent, % =					
AASHTO T176	Equivalent						
	Soundness	Coarse Soundness Loss, % =	1				
ASTM C 88		Sodium No. of Cycles =	5				
AASHTO T104	Soundness	Fine Soundness Loss, % =					
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ASTM C 1252	Fine Aggregate	Uncompacted Voids, % =					
AASHTO T304	Angularity	Method C (as received material)					
ASTM C40	Organic	Coarse Aggregate, % =	0				
AASHTO T21	Impurities	Fine Aggregate, % =					
ASTM C142	Clay / Friable	Coarse Aggregate, % =	0				
AASHTO T112	Particles	Fine Aggregate, % =					
ASTM C123	Lightweight	Coarse Aggregate, % =	0				
AASHTO T113	Pieces	Fine Aggregate, % =					
ASTM D1883	CBR	Surcharge = 10 lbs CBR @ 0.1"=					
AASHTO T193		Swell% = 0.0% CBR @ 0.2"=					
ASTM D5821	Fractured Face	1 or 2 Faces =	1	 = 100			
TP-61		Fractured Face, % =		2 = 99			
ASTM D2487	Soil Classification	Group Symbol =		_ ••			
AUTIVI D2407	Con Classification	Group Name =					
		I Group Maine -					

ASTM C136 AASHTO T27 Sieve Size	Spec.
450 mm (18") 375 mm (15") 300 mm (12") 250 mm (10")	Spec.
375 mm (15") 300 mm (12") 250 mm (10")	
300 mm (12") 250 mm (10")	
250 mm (10")	
225 mm (Q")	
223 11111 (3)	
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")	
12.5 mm (1/2") 99	
9.5 mm (3/8") 80	
6.3 mm (1/4") 8	
4.75 mm (No.4) 4	
2.36 mm (No.8) 3	
2.00 mm (No.10) 3	
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) 2	
0.075 mm (No.200) 1.6	
ASTM D422	
Hydrometer =	
ASTM C566 AASHTO T255	
Moisture Content, % =	
ASTM C136 AASHTO T27	
Fineness Modulus (FM) =	
AASHTO M145	
Classification of Soils =	
ASTM D4791 Ratio = 5:1	
Flat & Elongated, % = 0	

Soil Description &

Identification

ASTM D2488

Group Symbol =

Group Name =