

Sample Status: Complete

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
MATERIALS AND TESTS UNIT  
1801 BLUE RIDGE RD. RALEIGH, N.C. 27607  
10/12/2022  
Fine Aggregate Test Yearly

Hicams No.: 1084779  
Contract No.:  
County: Harnett  
Date Sampled: 09/19/2022  
Sampled By: Christian, Guy C  
Sampled From: Plant - FA122  
Contractor:  
Prod./Suppl.: GS Materials, Inc.  
Facility: Hall Pit - Lemon Springs  
Material: Yearly Quality Check for Fine Aggregate (Strength, Soundness, etc.)

T.I.P. No.:  
Field ID: FA122-1  
Engineer:  
Received: 09/21/2022

Work Order No.:  
P.O./Other No.:  
Reported: 09/29/2022  
Test Category: Verification  
Represented Qty.: 10000.000 TON

Test No.: AASHTO T112, T19, T27, T104, T71, T84  
Location of Source: Plant

QA Indicator: N  
Property Owner:

SIEVE ANALYSIS		STRUCTURAL STRENGTH			
Sieve Size	Passing	Compression Test on 2 inch Cubes		3 Day Test Date:	
3/8"	100	Strength Ratio:	3-Day:	%	Tested By:
# 4	100		7 Day:	%	7 Day Test Date:
# 8	98	Specific Gravity, Absorption, & Soundness			Tested By:
#16	85	Unit Weight			
# 30	52	Sp.Grav.:	2.612	Solid	163.0 lbs/ft3
# 40		Absorp.:	0.70 %	Dry & Rodded	97.5 lbs/ft3
# 50	17	Soundness:	% Loss		
# 80		Soundness Test Date:		Test Date:	9/28/2022
# 100	4	Sp. Grav. & Absorp. Test Date:	9/28/2022	Tested By:	TWA
# 200	2.6			Tested By:	TWA
Fineness Modulus	2.4				
Deleterious Substance	0.4				
Color:	1.0				
Test Date:	9-26.2022				
Tested By:	TWA				

Comments:



Chun Kun Su P.E.  
GeoMaterials Workgroup Supervisor

cc: GS Materials, Inc.