

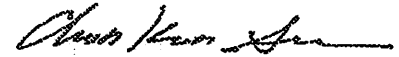
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 MATERIALS AND TESTS UNIT  
 1801 BLUE RIDGE RD. RALEIGH, N.C. 27607  
 05/17/2024  
 Fine Aggregate Test Yearly

Hicams No.: 1110036                      T.I.P. No.:                      Work Order No.:  
 Contract No.:                      Field ID: V-2023                      P.O./Other No.:  
 County: Harnett                      Engineer:  
 Date Sampled: 06/26/2023                      Received: 06/26/2023                      Reported: 07/03/2023  
 Sampled By: Skinner, III, John L                      Test Category: Verification  
 Sampled From: Stockpile - 1  
 Contractor:                      Represented Qty.: 10000.000 TON  
 Prod./Suppl.: GS Materials, Inc.  
 Facility: Hall Pit - Lemon Springs  
 Material: Sand, 2S

Test No.: AASHTO T112, T19, T27, T104, T71, T84                      QA Indicator: N  
 Location of Source: Stockpile                      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	99				Tested By:
# 16	91	<u>Specific Gravity, Absorption, &amp; Soundness</u>		<u>Unit Weight</u>	
# 30	63	Sp.Grav.:	2.612	Solid	163.0 lbs/ft3
# 40		Absorp.:	0.81 %	Dry & Rodded	92.7 lbs/ft3
# 50	22	Soundness:	1.1 % Loss		
# 80		Soundness Test Date:	7/14/2023	Tested By: TWA	Test Date: 6/29/2023
# 100	4	Sp. Grav. & Absorp. Test Date:	7/3/2023	Tested By: SBS	Tested By: SBS
# 200	2.4				
Fineness Modulus	2.2				
Deleterious Substance	0.4				
Color:	1.0				
Test Date:	6/29/2023				
Tested By:	SBS				

Comments:



Chun Kun Su P.E.  
 GeoMaterials Workgroup Supervisor

cc: GS Materials, Inc.