

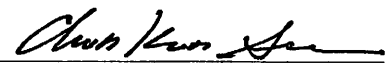
**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
MATERIALS AND TESTS UNIT
1801 BLUE RIDGE RD. RALEIGH, N.C. 27607
03/14/2022
Fine Aggregate Test Yearly**

Hicams No.: 1063095	T.I.P. No.:	Work Order No.:
Contract No.:	Field ID: fa-113-22	P.O./Other No.:
County: Montgomery	Engineer:	Reported: 03/07/2022
Date Sampled: 01/19/2022	Received: 02/11/2022	Test Category: Source Approval/Eval
Sampled By: Jackson, Brandon M		Represented Qty.: 5000.000 TON
Sampled From: Stockpile - 1		
Contractor:		
Prod./Suppl.: GS Materials, Inc.		
Facility: Emery Pit - Jackson 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	99		7 Day:	%	7 Day Test Date:
# 8	96				Tested By:
#16	83	<u>Specific Gravity, Absorption, & Soundness</u>			<u>Unit Weight</u>
# 30	53	Sp.Grav.:	2.631	Solid	164.2 lbs/ft3
# 40		Absorp.:	0.87 %	Dry & Rodded	95.9 lbs/ft3
# 50	19	Soundness:	2.3 % Loss		
# 80		Soundness Test Date:	3/7/2022	Tested By: SBS	Test Date: 2/22/2022
# 100	6	Sp. Grav. & Absorp. Test Date:	2/22/2022	Tested By: SBS	Tested By: SBS
# 200	3.3				
Fineness Modulus	2.4				
Deleterious Substance	0.4				
Color:	1.0				
Test Date:	3/23/2022				
Tested By:	SBS				

Comments:



Chun Kun Su P.E.
GeoMaterials Workgroup Supervisor

cc: GS Materials, Inc.