

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 MATERIALS AND TESTS UNIT
 1801 BLUE RIDGE RD. RALEIGH, N.C. 27607
 06/26/2024
 Fine Aggregate Test Yearly

Hicams No.: 1126010 T.I.P. No.: Work Order No.:
 Contract No.: Field ID: 2S-1 P.O./Other No.:
 County: Montgomery Engineer: Reported: 06/13/2024
 Date Sampled: 11/15/2023 Received: 12/07/2023 Test Category: Verification
 Sampled By: Blythe, Mark C Represented Qty.: 10000.000 TON
 Sampled From: Stockpile - 1
 Contractor:
 Prod./Suppl.: GS Materials, Inc.
 Facility: Emery Pit - Jackson Springs
 Material: Yearly Quality Check for Fine Aggregate (Strength, Soundness, etc.)

Test No.: AASHTO T112, T19, T27, T104, T71, T84 QA Indicator: Y
 Location of Source: Stockpile Property Owner:

SIEVE ANALYSIS		STRUCTURAL STRENGTH			
Sieve Size	Passing	Compression Test on 2 inch Cubes		3 Day Test Date:	Tested By:
3/8"	100	Strength Ratio:	3-Day:	%	
# 4	99		7 Day:	%	7 Day Test Date:
# 8	96				Tested By:
# 16	85	Specific Gravity, Absorption, & Soundness		Unit Weight	
# 30	57	Sp.Grav.:	2.571	Solid	160.4 lbs/ft3
# 40		Absorp.:	1.24 %	Dry & Rodded	93.1 lbs/ft3
# 50	22	Soundness:	2.4 % Loss		
# 80		Soundness Test Date:	6/13/2024	Tested By:	RF
# 100	7	Sp. Grav. & Absorp. Test Date:	6/13/2024	Test Date:	6/13/2024
# 200	3.6			Tested By:	RF
Fineness Modulus	2.3				
Deleterious Substance	0.4				
Color:	2.0				
Test Date:	6/1/2024				
Tested By:	RF				

Comments:



Chun Kun Su P.E.
 GeoMaterials Workgroup Supervisor

cc: GS Materials, Inc.