

CAROLINA STALITE SAMPLE DATA FORM

MATERIAL: 3/4" Structural Material
 SAMPLED BY: C. Friedrich
 QC NUMBER: _____
 DATE TESTED: 2-Oct-17

DATE SAMPLED: 29-Sep-17
 SAMPLED FROM: Stockpile
 SAMPLED FOR: Quality Control
 TESTED BY: M.Hammill
 REVIEWED BY: _____

GRADATION

<u>SIEVE NO.</u>	<u>WT. RETAINED</u>	<u>% RETAINED</u>	<u>% Passing</u>	<u>SPEC.</u>
1"	0.00	0.0	100.0	100.0
3/4"	1.00	7.3	92.7	80.0-95.0
1/2"	11.40	83.2	16.8	5.0-10.0
3/8"	13.30	97.1	2.9	0.0-5.0
4	13.40	97.8	2.2	0.0-5.0
8	13.65	99.6	0.4	0.0-5.0
PAN	13.70			

MOISTURE %

A: PAN+WET MAT'L 14.90
 B: PAN+ DRY MAT'L _____
 C: PAN WEIGHT _____
 D: DRY MAT'L 13.70
 E: H2O WEIGHT 1.20
 MOISTURE % (E/D*100) 8.8

UNIT WEIGHT

A: BUCKET+MAT'L _____
 B: WT.BUCKET _____
 C: WT. MAT'L (A-B) _____
 D: FACTOR _____
 UNIT WEIGHT (C*D) 48.3

SPECIFIC GRAVITY (SSD)

A: WT. JAR+ MAT'L _____
 B: WT. JAR _____
 C: WT. MAT'L (A-B) _____
 D: WT. JAR+ H2O _____
 E: (C+D) _____
 F: WT. JAR+H2O+MAT'L _____
 G: (E-F) _____
 SPECIFIC GRAVITY (C/G) _____
Specs 1.47-1.54

200 WASH

A: DRY SAMPLE WT. _____
 B: DRY WASHED WT. _____
 C: (A-B) _____
 D: (C/B*100) _____

ABSORPTION

A: DRY SAMPLE WT. _____
 B: 24 HR. SOAKED WT. _____
 C: (B-A) _____
 D: ABS (C/A*100) _____

COMMENTS: _____

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GRADATION

<u>SIEVE NO.</u>	<u>WT. RETAINED</u>	<u>% RETAINED</u>	<u>% Passing</u>	<u>SPEC.</u>
1"	0.00	0.0	100.0	100.0
3/4"	0.85	6.6	93.4	80.0-95.0
1/2"	10.65	82.9	17.1	5.0-10.0
3/8"	12.45	96.9	3.1	0.0-5.0
4	12.70	98.8	1.2	0.0-5.0
8	12.70	98.8	1.2	0.0-5.0
PAN	12.85			

MOISTURE %

A: PAN+WET MAT'L 13.90
 B: PAN+ DRY MAT'L _____
 C: PAN WEIGHT _____
 D: DRY MAT'L 12.85
 E: H2O WEIGHT 1.05
 MOISTURE % (E/D*100) 8.2

UNIT WEIGHT

A: BUCKET+MAT'L _____
 B: WT.BUCKET _____
 C: WT. MAT'L (A-B) _____
 D: FACTOR _____
 UNIT WEIGHT (C*D) 48.0

SPECIFIC GRAVITY (SSD)

A: WT. JAR+ MAT'L _____
 B: WT. JAR _____
 C: WT. MAT'L (A-B) _____
 D: WT. JAR+ H2O _____
 E: (C+D) _____
 F: WT. JAR+H2O+MAT'L _____
 G: (E-F) _____
 SPECIFIC GRAVITY (C/G) _____
Specs 1.47-1.54

200 WASH

A: DRY SAMPLE WT. _____
 B: DRY WASHED WT. _____
 C: (A-B) _____
 D: (C/B*100) _____

ABSORPTION

A: DRY SAMPLE WT. _____
 B: 24 HR. SOAKED WT. _____
 C: (B-A) _____
 D: ABS (C/A*100) _____

COMMENTS: _____

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GRADATION

<u>SIEVE NO.</u>	<u>WT. RETAINED</u>	<u>% RETAINED</u>	<u>% Passing</u>	<u>SPEC.</u>
1"	0.00	0.0	100.0	100.0
3/4"	0.75	5.8	94.2	80.0-95.0
1/2"	10.05	77.3	22.7	5.0-10.0
3/8"	12.35	95.0	5.0	0.0-5.0
4	12.80	98.5	1.5	0.0-5.0
8	12.90	99.2	0.8	0.0-5.0
PAN	13.00			

MOISTURE %

A: PAN+WET MAT'L 14.05
 B: PAN+ DRY MAT'L _____
 C: PAN WEIGHT _____
 D: DRY MAT'L 13.00
 E: H2O WEIGHT 1.05
 MOISTURE % (E/D*100) 8.1

UNIT WEIGHT

A: BUCKET+MAT'L _____
 B: WT.BUCKET _____
 C: WT. MAT'L (A-B) _____
 D: FACTOR _____
 UNIT WEIGHT (C*D) 47.7

SPECIFIC GRAVITY (SSD)

A: WT. JAR+ MAT'L _____
 B: WT. JAR _____
 C: WT. MAT'L (A-B) _____
 D: WT. JAR+ H2O _____
 E: (C+D) _____
 F: WT. JAR+H2O+MAT'L _____
 G: (E-F) _____
 SPECIFIC GRAVITY (C/G) _____
Specs 1.47-1.54

200 WASH

A: DRY SAMPLE WT. _____
 B: DRY WASHED WT. _____
 C: (A-B) _____
 D: (C/B*100) _____

ABSORPTION

A: DRY SAMPLE WT. _____
 B: 24 HR. SOAKED WT. _____
 C: (B-A) _____
 D: ABS (C/A*100) _____

COMMENTS: _____

