



PO Box 437 MOUNT MARION, NY 12456 ~ 962 KINGS HIGHWAY, SAUGERTIES, NY 12477

PHONE (888) 528-7853 FAX (845) 246-2619

Website: [www.nesolite.com](http://www.nesolite.com)



TO WHOM IT MAY CONCERN

FROM: Ron Vaughn

DATE: June 30, 2017

The summary of test results for our 3/4" to #4 (347) Grade A material is listed below. These numbers represent the most recent test results.

Gradation:

pH: 7.0 (AASHTO T289-1)

<u>SIEVE</u>	<u>% Passing</u>
1" (25 mm)	100
3/4" (19 mm)	97
1/2" (12.5 mm)	60
3/8" (9.5 mm)	39
#4 (4.75 mm)	11
#200 (.075 mm)	3

Chloride Content: 0.0 ppm  
(Cal Dot 422)

Resistivity 663,013 ohm-cm  
(AASHTO T288-I)

Internal Angle of Friction in Degrees  
Loose: 36.8 @ 49.9 pcf  
Compacted: 45.2 @ 52.1 pcf  
By: ASTM D3080

Specific Gravity : 1.48  
Density (OD): 44 pcf (Minimum)  
(Wet @10%) 49 pcf  
(AASHTO T-99) 58 pcf (Dry - Maximum)  
60 pcf (Wet)

Sulfate Content: (AASHTO T290-I) =  
<50 ppm

Dry Density @ 65% Relative Density - 52 pcf


Soundness (ASTM C88)

Magnesium Sulfate (5 Cycle) = 1.2% Loss

LA Abrasion (ASTM C131)

Grading B = 28% Loss

This aggregate meets or exceeds ASTM C330. If you have any further questions, please do not hesitate to contact me.

  
*Ronald E. Vaughn*  
Director of Technical Services

cc: RV/file