

# Granularmetric Report

Depths and elevations based on measured values



Athena Technologies, Inc.  
PO Box 68  
McClellanville, SC 29458  
ph 843-887-3800  
fax

Project Name: Amelia Island

Sample Name: NCVB-15-03 #Comp

Analysis Date:

Analyzed By: CM

Easting (ft):

546,150

Northing (ft):

2,276,143

Coordinate System:

Florida State Plane East

Elevation (ft):

-36.1 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

113.57

Wash Weight (g):

112.03

Pan Retained (g):

Sieve Loss (%):

Fines (%):  
#200 - 1.74  
#230 - 1.37

Organics (%):

Carbonates (%):

4.70

Shells (%):

4.63

Sieve Number

Sieve Size  
(Phi)

Sieve Size  
(Millimeters)

Grams  
Retained

% Weight  
Retained

Cum. Grams  
Retained

% Passing  
Sieve

3/4

-4.25

19.03

0.00

100.00

5/8

-4.00

16.00

0.00

100.00

3.5

-2.50

5.66

0.00

100.00

4

-2.25

4.76

0.05

99.95

5

-2.00

4.00

0.04

99.91

7

-1.50

2.83

0.13

99.78

10

-1.00

2.00

0.25

99.53

14

-0.50

1.41

0.36

99.17

18

0.00

1.00

0.63

98.54

25

0.50

0.71

1.17

97.37

35

1.00

0.50

1.69

95.68

45

1.50

0.35

2.47

93.21

60

2.00

0.25

5.34

87.87

80

2.50

0.18

29.34

58.53

120

3.00

0.13

49.19

9.34

170

3.50

0.09

6.91

2.43

200

3.75

0.07

0.69

1.74

230

4.00

0.06

0.37

1.37

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.31

2.93

2.84

2.59

2.22

2.07

1.14

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.44

0.18

0.67

-2.49

12.66

GRANULARMETRIC REPORT AMELIA\_ISLAND.GPJ FL DEP ROSS.GDT 12/14/15