

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-15-13 #Comp

Analysis Date:

Analyzed By: CM

Easting (ft):

567,639

Northing (ft):

2,275,212

Coordinate System:

Florida State Plane East

Elevation (ft):

-53.1 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

110.79

Wash Weight (g):

107.41

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 3.45

#230 - 3.06

Organics (%):

Carbonates (%):

7.40

Shells (%):

9.61

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

0.25

99.75

4

-2.25

4.76

0.03

99.72

5

-2.00

4.00

0.05

99.67

7

-1.50

2.83

0.37

99.30

10

-1.00

2.00

0.27

99.03

14

-0.50

1.41

0.46

98.57

18

0.00

1.00

0.79

97.78

25

0.50

0.71

1.70

96.08

35

1.00

0.50

3.51

92.57

45

1.50

0.35

4.53

88.04

60

2.00

0.25

9.90

78.14

80

2.50

0.18

23.54

54.60

120

3.00

0.13

28.44

26.16

170

3.50

0.09

20.75

5.41

200

3.75

0.07

1.96

3.45

230

4.00

0.06

0.39

3.06

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.55

3.24

3.03

2.58

2.07

1.70

0.65

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.38

0.19

0.91

-1.93

9.25

GRANULARMETRIC REPORT AMELIA_ISLAND.GPJ FL DEP ROSS.GDT 12/14/15