

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-15-09 #Comp

Analysis Date:

Analyzed By: CM

Easting (ft):

546,034

Northing (ft):

2,270,689

Coordinate System:

Florida State Plane East

Elevation (ft):

-37.7 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

112.96

Wash Weight (g):

110.96

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 2.14

#230 - 1.79

Organics (%):

Carbonates (%):

12.40

Shells (%):

20.32

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

0.73

99.27

4

-2.25

4.76

0.05

99.22

5

-2.00

4.00

0.50

98.72

7

-1.50

2.83

1.12

97.60

10

-1.00

2.00

0.98

96.62

14

-0.50

1.41

1.39

95.23

18

0.00

1.00

1.66

93.57

25

0.50

0.71

3.32

90.25

35

1.00

0.50

7.60

82.65

45

1.50

0.35

7.24

75.41

60

2.00

0.25

5.07

70.34

80

2.50

0.18

10.82

59.52

120

3.00

0.13

43.56

15.96

170

3.50

0.09

12.86

3.10

200

3.75

0.07

0.96

2.14

230

4.00

0.06

0.35

1.79

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.43

3.00

2.90

2.61

1.54

0.91

-0.43

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.11

0.23

1.23

-1.74

6.23

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