

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-09 #A

Analysis Date:

Analyzed By: CM

Easting (ft):

546,034

Northing (ft):

2,270,689

Coordinate System:

Florida State Plane East

Elevation (ft):

-38.5 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

123.31

Wash Weight (g):

120.13

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 2.59

#230 - 2.58

Organics (%):

Carbonates (%):

Shells (%):

47.88

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

4.50

95.50

4

-2.25

4.76

1.25

94.25

5

-2.00

4.00

3.01

91.24

7

-1.50

2.83

3.59

87.65

10

-1.00

2.00

3.58

84.07

14

-0.50

1.41

4.02

80.05

18

0.00

1.00

4.40

75.65

25

0.50

0.71

8.98

66.67

35

1.00

0.50

17.91

48.76

45

1.50

0.35

16.52

32.24

60

2.00

0.25

8.49

23.75

80

2.50

0.18

5.86

17.89

120

3.00

0.13

13.35

4.54

170

3.50

0.09

1.88

2.66

200

3.75

0.07

0.07

2.59

230

4.00

0.06

0.01

2.58

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.98

2.57

1.93

0.97

0.04

-0.99

-2.40

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.7

0.62

1.61

-0.73

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