

# Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-09 #C

Analysis Date:

Analyzed By: CM

Easting (ft):

546,034

Northing (ft):

2,270,689

Coordinate System:

Florida State Plane East

Elevation (ft):

-44.5 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

113.21

Wash Weight (g):

108.52

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 4.95

#230 - 4.15

Organics (%):

Carbonates (%):

Shells (%):

15.45

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

1.52

98.48

4

-2.25

4.76

0.31

98.17

5

-2.00

4.00

0.34

97.83

7

-1.50

2.83

1.15

96.68

10

-1.00

2.00

0.87

95.81

14

-0.50

1.41

1.04

94.77

18

0.00

1.00

0.87

93.90

25

0.50

0.71

0.87

93.03

35

1.00

0.50

1.35

91.68

45

1.50

0.35

1.81

89.87

60

2.00

0.25

2.38

87.49

80

2.50

0.18

7.74

79.75

120

3.00

0.13

53.22

26.53

170

3.50

0.09

19.64

6.89

200

3.75

0.07

1.94

4.95

230

4.00

0.06

0.80

4.15

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.74

3.27

3.04

2.78

2.54

2.23

-0.61

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.45

0.18

1.24

-2.93

11.79

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