

# Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-05 #A

Analysis Date:

Analyzed By: CM

Easting (ft):

553,612

Northing (ft):

2,275,830

Coordinate System:

Florida State Plane East

Elevation (ft):

-41.7 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

105.23

Wash Weight (g):

104.06

Pan Retained (g):

Sieve Loss (%):

Fines (%):  
#200 - 1.27  
#230 - 1.12

Organics (%):

Carbonates (%):

Shells (%):

23.67

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

0.51

99.49

4

-2.25

4.76

0.20

99.29

5

-2.00

4.00

0.03

99.26

7

-1.50

2.83

0.74

98.52

10

-1.00

2.00

1.10

97.42

14

-0.50

1.41

1.57

95.85

18

0.00

1.00

1.70

94.15

25

0.50

0.71

1.79

92.36

35

1.00

0.50

2.54

89.82

45

1.50

0.35

4.97

84.85

60

2.00

0.25

15.28

69.57

80

2.50

0.18

40.85

28.72

120

3.00

0.13

24.12

4.60

170

3.50

0.09

2.97

1.63

200

3.75

0.07

0.36

1.27

230

4.00

0.06

0.15

1.12

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.99

2.76

2.58

2.24

1.82

1.53

-0.25

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.01

0.25

0.99

-2.33

9.85