

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-13 #A

Analysis Date:

Analyzed By: CM

Easting (ft):

567,639

Northing (ft):

2,275,212

Coordinate System:

Florida State Plane East

Elevation (ft):

-53.9 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

120.90

Wash Weight (g):

119.26

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 1.46

#230 - 1.35

Organics (%):

Carbonates (%):

Shells (%):

7.82

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

0.60

99.40

4

-2.25

4.76

0.40

99.00

5

-2.00

4.00

0.51

98.49

7

-1.50

2.83

0.49

98.00

10

-1.00

2.00

0.63

97.37

14

-0.50

1.41

0.93

96.44

18

0.00

1.00

1.80

94.64

25

0.50

0.71

4.19

90.45

35

1.00

0.50

6.38

84.07

45

1.50

0.35

7.90

76.17

60

2.00

0.25

16.58

59.59

80

2.50

0.18

34.21

25.38

120

3.00

0.13

19.09

6.29

170

3.50

0.09

4.42

1.87

200

3.75

0.07

0.41

1.46

230

4.00

0.06

0.11

1.35

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.15

2.75

2.51

2.14

1.54

1.00

-0.10

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.86

0.28

1.06

-1.86

7.82