

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-02 #Comp

Analysis Date:

Analyzed By: CM

Easting (ft):

549,389

Northing (ft):

2,275,618

Coordinate System:

Florida State Plane East

Elevation (ft):

-47.0 NAVD 88

USCS:

SP-SM

Munsell:

Comments:

Dry Weight (g):

110.35

Wash Weight (g):

102.03

Pan Retained (g):

Sieve Loss (%):

Fines (%):
#200 - 8.46
#230 - 7.53

Organics (%):

Carbonates (%):

Shells (%):

12.34

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

0.21

99.79

4

-2.25

4.76

0.33

99.46

5

-2.00

4.00

0.14

99.32

7

-1.50

2.83

0.55

98.77

10

-1.00

2.00

0.61

98.16

14

-0.50

1.41

0.65

97.51

18

0.00

1.00

0.63

96.88

25

0.50

0.71

0.60

96.28

35

1.00

0.50

0.76

95.52

45

1.50

0.35

0.91

94.61

60

2.00

0.25

1.58

93.03

80

2.50

0.18

7.82

85.21

120

3.00

0.13

45.58

39.63

170

3.50

0.09

28.16

11.47

200

3.75

0.07

3.01

8.46

230

4.00

0.06

0.93

7.53

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.42

3.26

2.89

2.61

2.51

1.29

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.7

0.15

0.91

-3.46

17.35