

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-07 #Comp

Analysis Date:

Analyzed By: CM

Easting (ft):

547,943

Northing (ft):

2,293,846

Coordinate System:

Florida State Plane East

Elevation (ft):

-40.0 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

120.72

Wash Weight (g):

118.56

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 2.02

#230 - 1.79

Organics (%):

Carbonates (%):

10.90

Shells (%):

15.17

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

0.43

99.57

4

-2.25

4.76

0.17

99.40

5

-2.00

4.00

0.56

98.84

7

-1.50

2.83

0.93

97.91

10

-1.00

2.00

0.94

96.97

14

-0.50

1.41

1.42

95.55

18

0.00

1.00

1.45

94.10

25

0.50

0.71

1.59

92.51

35

1.00

0.50

2.39

90.12

45

1.50

0.35

3.45

86.67

60

2.00

0.25

5.55

81.12

80

2.50

0.18

25.45

55.67

120

3.00

0.13

47.27

8.40

170

3.50

0.09

5.77

2.63

200

3.75

0.07

0.61

2.02

230

4.00

0.06

0.23

1.79

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.29

2.92

2.82

2.56

2.12

1.74

-0.31

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.22

0.21

1.06

-2.5

9.86