

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-13 #C

Analysis Date:

Analyzed By: CM

Easting (ft):

567,639

Northing (ft):

2,275,212

Coordinate System:

Florida State Plane East

Elevation (ft):

-59.9 NAVD 88

USCS:

SP-SM

Munsell:

Comments:

Dry Weight (g):

98.91

Wash Weight (g):

93.57

Pan Retained (g):

Sieve Loss (%):

Fines (%):
#200 - 6.56
#230 - 5.41

Organics (%):

Carbonates (%):

Shells (%):

13.01

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

0.08

99.92

4

-2.25

4.76

0.02

99.90

5

-2.00

4.00

0.00

99.90

7

-1.50

2.83

0.35

99.55

10

-1.00

2.00

0.12

99.43

14

-0.50

1.41

0.35

99.08

18

0.00

1.00

0.28

98.80

25

0.50

0.71

0.29

98.51

35

1.00

0.50

0.48

98.03

45

1.50

0.35

0.59

97.44

60

2.00

0.25

1.36

96.08

80

2.50

0.18

5.99

90.09

120

3.00

0.13

38.48

51.61

170

3.50

0.09

40.71

10.90

200

3.75

0.07

4.34

6.56

230

4.00

0.06

1.15

5.41

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.44

3.33

3.02

2.70

2.58

2.09

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.9

0.13

0.65

-3.94

26.62