

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-12 #A

Analysis Date:

Analyzed By: CM

Easting (ft):

544,341

Northing (ft):

2,267,850

Coordinate System:

Florida State Plane East

Elevation (ft):

-36.6 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

114.52

Wash Weight (g):

113.08

Pan Retained (g):

Sieve Loss (%):

Fines (%):
#200 - 1.45
#230 - 1.25

Organics (%):

Carbonates (%):

Shells (%):

22.48

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

0.37

99.63

4

-2.25

4.76

0.12

99.51

5

-2.00

4.00

0.18

99.33

7

-1.50

2.83

1.11

98.22

10

-1.00

2.00

0.90

97.32

14

-0.50

1.41

1.26

96.06

18

0.00

1.00

1.50

94.56

25

0.50

0.71

1.79

92.77

35

1.00

0.50

3.21

89.56

45

1.50

0.35

5.74

83.82

60

2.00

0.25

7.60

76.22

80

2.50

0.18

20.88

55.34

120

3.00

0.13

47.26

8.08

170

3.50

0.09

6.30

1.78

200

3.75

0.07

0.33

1.45

230

4.00

0.06

0.20

1.25

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.24

2.92

2.82

2.56

2.03

1.48

-0.15

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.19

0.22

1.04

-2.27

8.86