

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-07 #B

Analysis Date:

Analyzed By: CM

Easting (ft):

547,943

Northing (ft):

2,293,846

Coordinate System:

Florida State Plane East

Elevation (ft):

-45.8 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

116.39

Wash Weight (g):

113.26

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 3.25

#230 - 2.69

Organics (%):

Carbonates (%):

Shells (%):

18.10

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

0.58

99.42

4

-2.25

4.76

0.40

99.02

5

-2.00

4.00

0.56

98.46

7

-1.50

2.83

1.30

97.16

10

-1.00

2.00

1.89

95.27

14

-0.50

1.41

1.85

93.42

18

0.00

1.00

1.46

91.96

25

0.50

0.71

1.13

90.83

35

1.00

0.50

1.49

89.34

45

1.50

0.35

1.59

87.75

60

2.00

0.25

2.29

85.46

80

2.50

0.18

16.35

69.11

120

3.00

0.13

50.00

19.11

170

3.50

0.09

14.27

4.84

200

3.75

0.07

1.59

3.25

230

4.00

0.06

0.56

2.69

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.49

3.11

2.94

2.69

2.32

2.04

-0.93

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.32

0.20

1.23

-2.42

8.57

GRANULARMETRIC REPORT AMELIA_ISLAND.GPJ FL DEP ROSS.GDT 12/14/15