

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-10 #B

Analysis Date:

Analyzed By: CM

Easting (ft):

546,142

Northing (ft):

2,272,997

Coordinate System:

Florida State Plane East

Elevation (ft):

-43.6 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

126.57

Wash Weight (g):

123.71

Pan Retained (g):

Sieve Loss (%):

Fines (%):

#200 - 2.77

#230 - 2.25

Organics (%):

Carbonates (%):

Shells (%):

16.71

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

0.33

99.67

4

-2.25

4.76

0.35

99.32

5

-2.00

4.00

0.38

98.94

7

-1.50

2.83

0.82

98.12

10

-1.00

2.00

0.88

97.24

14

-0.50

1.41

1.09

96.15

18

0.00

1.00

1.28

94.87

25

0.50

0.71

1.98

92.89

35

1.00

0.50

3.05

89.84

45

1.50

0.35

2.47

87.37

60

2.00

0.25

2.84

84.53

80

2.50

0.18

11.23

73.30

120

3.00

0.13

50.97

22.33

170

3.50

0.09

18.04

4.29

200

3.75

0.07

1.52

2.77

230

4.00

0.06

0.52

2.25

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.48

3.18

2.97

2.73

2.42

2.02

-0.05

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.41

0.19

1.09

-2.49

9.7

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