

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island Offshore

Sample Name: NCVB-15-08 #A

Analysis Date:

Analyzed By: CM

Easting (ft):

565,253

Northing (ft):

2,270,059

Coordinate System:

Florida State Plane East

Elevation (ft):

-48.2 NAVD 88

USCS:

SP

Munsell:

Comments:

Dry Weight (g):

126.54

Wash Weight (g):

125.12

Pan Retained (g):

Sieve Loss (%):

Fines (%):
#200 - 1.21
#230 - 1.13

Organics (%):

Carbonates (%):

Shells (%):

21.50

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

0.31

99.69

4

-2.25

4.76

0.10

99.59

5

-2.00

4.00

0.29

99.30

7

-1.50

2.83

1.09

98.21

10

-1.00

2.00

1.22

96.99

14

-0.50

1.41

1.58

95.41

18

0.00

1.00

1.77

93.64

25

0.50

0.71

2.05

91.59

35

1.00

0.50

3.37

88.22

45

1.50

0.35

7.70

80.52

60

2.00

0.25

22.79

57.73

80

2.50

0.18

39.24

18.49

120

3.00

0.13

14.11

4.38

170

3.50

0.09

2.92

1.46

200

3.75

0.07

0.25

1.21

230

4.00

0.06

0.08

1.13

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.98

2.59

2.42

2.10

1.62

1.27

-0.38

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.86

0.28

0.98

-2.03

8.26