

Granularmetric Report

Depths and elevations based on measured values



American Vibracore Services, Inc.
1215 Wallace Drive
Delray Beach, FL 33444

Project Name: Jupiter Island 10 - Beach Samples

Sample Name: 993615D

Analysis Date: 01-10-11

Analyzed By: JR

Easting (ft):

944530.

Northing (ft):

993857.

Coordinate System:

Florida State Plane East

Elevation (ft):

-4.6 NAVD 88

USCS:

SW

Munsell:

Wet - 10 YR-4/2

Comments:

Dry Weight (g):

668.20

Wash Weight (g):

666.20

Pan Retained (g):

0.00

Sieve Loss (%):

0.07

Fines (%):

#230 - 0.37

Organics (%):

Carbonates (%):

Shells (%):

5.48

Sieve Number

Sieve Size
(Phi)

Sieve Size
(Millimeters)

Grams
Retained

% Weight
Retained

Cum. Grams
Retained

C. % Weight
Retained

3/4"

-4.25

19.03

0.00

0.00

0.00

5/8"

-4.00

16.00

4.60

0.69

4.60

0.69

3.5

-2.50

5.66

24.80

3.71

29.40

4.40

4

-2.25

4.76

7.20

1.08

36.60

5.48

5

-2.00

4.00

12.00

1.80

48.60

7.27

7

-1.50

2.83

35.70

5.34

84.30

12.62

10

-1.00

2.00

65.10

9.74

149.40

22.36

14

-0.50

1.41

112.80

16.88

262.20

39.24

18

0.00

1.00

153.10

22.91

415.30

62.15

25

0.50

0.71

134.10

20.07

549.40

82.22

35

1.00

0.50

63.80

9.55

613.20

91.77

45

1.50

0.35

18.00

2.69

631.20

94.46

60

2.00

0.25

10.00

1.50

641.20

95.96

80

2.50

0.18

10.30

1.54

651.50

97.50

120

3.00

0.13

9.10

1.36

660.60

98.86

170

3.50

0.09

4.80

0.72

665.40

99.58

230

4.00

0.06

0.30

0.04

665.70

99.63

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

1.68

0.59

0.32

-0.27

-0.92

-1.33

-2.36

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

-0.33

1.26

1.18

-0.18

4.49

GRANULARMETRIC REPORT JUPITER ISLAND 10 - BEACH SAMPLES.GPJ FL DEP ROSS.GDT 5/2/11