

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: 1000258C

Analysis Date: 01-24-11

Analyzed By: JR

Easting (ft):

941611.

Northing (ft):

1000441.

Coordinate System:

Florida State Plane East

Elevation (ft):

-0.6 NAVD 88

USCS:

SW

Munsell:

Wet - 10 YR-5/2

Comments:

Dry Weight (g):

925.40

Wash Weight (g):

917.90

Pan Retained (g):

0.10

Sieve Loss (%):

0.01

Fines (%):

#230 - 0.83

Organics (%):

Carbonates (%):

76.20

Shells (%):

1.17

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

0.00

5/8"

-4.00

16.00

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

5.60

0.61

5.60

0.61

4

-2.25

4.76

5.20

0.56

10.80

1.17

5

-2.00

4.00

9.20

0.99

20.00

2.16

7

-1.50

2.83

30.20

3.26

50.20

5.42

10

-1.00

2.00

58.60

6.33

108.80

11.76

14

-0.50

1.41

97.90

10.58

206.70

22.34

18

0.00

1.00

117.50

12.70

324.20

35.03

25

0.50

0.71

118.00

12.75

442.20

47.78

35

1.00

0.50

95.50

10.32

537.70

58.10

45

1.50

0.35

64.20

6.94

601.90

65.04

60

2.00

0.25

94.80

10.24

696.70

75.29

80

2.50

0.18

123.20

13.31

819.90

88.60

120

3.00

0.13

72.80

7.87

892.70

96.47

170

3.50

0.09

22.80

2.46

915.50

98.93

230

4.00

0.06

2.20

0.24

917.70

99.17

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.91

2.33

1.99

0.61

-0.40

-0.80

-1.56

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.68

0.62

1.42

-0.1

2.19

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