

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: 970641A

Analysis Date: 01-14-11

Analyzed By: JR

Easting (ft):

952745.

Northing (ft):

970844.

Coordinate System:

Florida State Plane East

Elevation (ft):

7.4 NAVD 88

USCS:

SP

Munsell:

Wet - 10 YR-4/1

Comments:

Dry Weight (g):

550.70

Wash Weight (g):

548.60

Pan Retained (g):

0.00

Sieve Loss (%):

0.02

Fines (%):

#230 - 0.40

Organics (%):

Carbonates (%):

Shells (%):

0.89

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

3.10

0.56

3.10

0.56

4

-2.25

4.76

1.80

0.33

4.90

0.89

5

-2.00

4.00

0.30

0.05

5.20

0.94

7

-1.50

2.83

2.80

0.51

8.00

1.45

10

-1.00

2.00

5.90

1.07

13.90

2.52

14

-0.50

1.41

11.20

2.03

25.10

4.56

18

0.00

1.00

24.30

4.41

49.40

8.97

25

0.50

0.71

52.10

9.46

101.50

18.43

35

1.00

0.50

112.20

20.37

213.70

38.81

45

1.50

0.35

173.90

31.58

387.60

70.38

60

2.00

0.25

132.60

24.08

520.20

94.46

80

2.50

0.18

25.80

4.68

546.00

99.15

120

3.00

0.13

2.20

0.40

548.20

99.55

170

3.50

0.09

0.20

0.04

548.40

99.58

230

4.00

0.06

0.10

0.02

548.50

99.60

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.06

1.78

1.60

1.18

0.66

0.37

-0.45

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.04

0.49

0.82

-1.6

7.81

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