

# Granulometric 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: 976899A

Analysis Date: 01-27-11

Analyzed By: JR

Easting (ft):

951051.

Northing (ft):

977074.

Coordinate System:

Florida State Plane East

Elevation (ft):

7.4 NAVD 88

USCS:

SP

Munsell:

Wet - 10 YR-4/1

Comments:

Dry Weight (g):

666.00

Wash Weight (g):

665.50

Pan Retained (g):

0.00

Sieve Loss (%):

0.00

Fines (%):

#230 - 0.08

Organics (%):

Carbonates (%):

63.40

Shells (%):

0.00

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

0.00

0.00

0.00

0.00

4

-2.25

4.76

0.00

0.00

0.00

0.00

5

-2.00

4.00

0.00

0.00

0.00

0.00

7

-1.50

2.83

0.00

0.00

0.00

0.00

10

-1.00

2.00

0.10

0.02

0.10

0.02

14

-0.50

1.41

0.30

0.05

0.40

0.06

18

0.00

1.00

2.80

0.42

3.20

0.48

25

0.50

0.71

14.60

2.19

17.80

2.67

35

1.00

0.50

78.00

11.71

95.80

14.38

45

1.50

0.35

257.30

38.63

353.10

53.02

60

2.00

0.25

260.40

39.10

613.50

92.12

80

2.50

0.18

48.10

7.22

661.60

99.34

120

3.00

0.13

3.70

0.56

665.30

99.89

170

3.50

0.09

0.10

0.02

665.40

99.91

230

4.00

0.06

0.10

0.02

665.50

99.92

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.20

1.90

1.78

1.46

1.14

1.02

0.60

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.44

0.37

0.46

-0.41

4.02

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