

# 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: 965058E

Analysis Date: 01-28-11

Analyzed By: JR

Easting (ft):

954218.

Northing (ft):

965391.

Coordinate System:

Florida State Plane East

Elevation (ft):

-8.6 NAVD 88

USCS:

SW

Munsell:

Wet - 10 YR-5/1

Comments:

Dry Weight (g):

680.50

Wash Weight (g):

674.70

Pan Retained (g):

0.00

Sieve Loss (%):

0.00

Fines (%):

#230 - 0.85

Organics (%):

Carbonates (%):

72.20

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

0.30

0.04

0.30

0.04

10

-1.00

2.00

2.40

0.35

2.70

0.40

14

-0.50

1.41

18.10

2.66

20.80

3.06

18

0.00

1.00

58.40

8.58

79.20

11.64

25

0.50

0.71

104.90

15.42

184.10

27.05

35

1.00

0.50

129.80

19.07

313.90

46.13

45

1.50

0.35

116.50

17.12

430.40

63.25

60

2.00

0.25

118.40

17.40

548.80

80.65

80

2.50

0.18

78.50

11.54

627.30

92.18

120

3.00

0.13

38.20

5.61

665.50

97.80

170

3.50

0.09

9.00

1.32

674.50

99.12

230

4.00

0.06

0.20

0.03

674.70

99.15

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.75

2.15

1.84

1.11

0.43

0.14

-0.39

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.12

0.46

0.93

0.03

2.41

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