

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: 988526C

Analysis Date: 01-26-11

Analyzed By: JR

Easting (ft):

946741.

Northing (ft):

988712.

Coordinate System:

Florida State Plane East

Elevation (ft):

-0.6 NAVD 88

USCS:

SP

Munsell:

Wet - 10 YR-5/1

Comments:

Dry Weight (g):

616.40

Wash Weight (g):

610.80

Pan Retained (g):

0.00

Sieve Loss (%):

0.02

Fines (%):

#230 - 0.92

Organics (%):

Carbonates (%):

88.30

Shells (%):

0.06

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

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

0.40

0.06

0.40

0.06

5

-2.00

4.00

0.50

0.08

0.90

0.15

7

-1.50

2.83

0.90

0.15

1.80

0.29

10

-1.00

2.00

4.40

0.71

6.20

1.01

14

-0.50

1.41

23.20

3.76

29.40

4.77

18

0.00

1.00

96.90

15.72

126.30

20.49

25

0.50

0.71

231.10

37.49

357.40

57.98

35

1.00

0.50

197.80

32.09

555.20

90.07

45

1.50

0.35

46.40

7.53

601.60

97.60

60

2.00

0.25

7.10

1.15

608.70

98.75

80

2.50

0.18

1.30

0.21

610.00

98.96

120

3.00

0.13

0.30

0.05

610.30

99.01

170

3.50

0.09

0.30

0.05

610.60

99.06

230

4.00

0.06

0.10

0.02

610.70

99.08

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

1.33

0.91

0.77

0.39

0.06

-0.14

-0.49

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.38

0.77

0.54

-0.2

4.92

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