

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: 988526B

Analysis Date: 01-26-11

Analyzed By: JR

Easting (ft):

946714.

Northing (ft):

988701.

Coordinate System:

Florida State Plane East

Elevation (ft):

3.4 NAVD 88

USCS:

SW

Munsell:

Wet - 10 YR-5/1

Comments:

Dry Weight (g):

630.50

Wash Weight (g):

628.10

Pan Retained (g):

0.00

Sieve Loss (%):

0.00

Fines (%):

#230 - 0.38

Organics (%):

Carbonates (%):

69.80

Shells (%):

20.21

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

2.80

0.44

2.80

0.44

3.5

-2.50

5.66

104.50

16.57

107.30

17.02

4

-2.25

4.76

20.10

3.19

127.40

20.21

5

-2.00

4.00

27.40

4.35

154.80

24.55

7

-1.50

2.83

59.40

9.42

214.20

33.97

10

-1.00

2.00

69.50

11.02

283.70

45.00

14

-0.50

1.41

101.10

16.03

384.80

61.03

18

0.00

1.00

126.40

20.05

511.20

81.08

25

0.50

0.71

86.40

13.70

597.60

94.78

35

1.00

0.50

26.80

4.25

624.40

99.03

45

1.50

0.35

2.70

0.43

627.10

99.46

60

2.00

0.25

0.20

0.03

627.30

99.49

80

2.50

0.18

0.10

0.02

627.40

99.51

120

3.00

0.13

0.10

0.02

627.50

99.52

170

3.50

0.09

0.30

0.05

627.80

99.57

230

4.00

0.06

0.30

0.05

628.10

99.62

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

0.53

0.11

-0.15

-0.84

-1.98

-2.59

-3.59

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

-1.13

2.19

1.25

-0.45

2.33

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