

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: 983302A

Analysis Date: 01-12-11

Analyzed By: JR

Easting (ft):

948679.

Northing (ft):

983453.

Coordinate System:

Florida State Plane East

Elevation (ft):

7.4 NAVD 88

USCS:

SP

Munsell:

Wet - 10 YR-4/1

Comments:

Dry Weight (g):

598.20

Wash Weight (g):

598.10

Pan Retained (g):

0.00

Sieve Loss (%):

0.00

Fines (%):

#230 - 0.02

Organics (%):

Carbonates (%):

Shells (%):

0.33

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

0.80

0.13

0.80

0.13

3.5

-2.50

5.66

0.70

0.12

1.50

0.25

4

-2.25

4.76

0.50

0.08

2.00

0.33

5

-2.00

4.00

0.60

0.10

2.60

0.43

7

-1.50

2.83

1.30

0.22

3.90

0.65

10

-1.00

2.00

5.00

0.84

8.90

1.49

14

-0.50

1.41

22.70

3.79

31.60

5.28

18

0.00

1.00

80.00

13.37

111.60

18.66

25

0.50

0.71

132.10

22.08

243.70

40.74

35

1.00

0.50

182.20

30.46

425.90

71.20

45

1.50

0.35

137.50

22.99

563.40

94.18

60

2.00

0.25

33.20

5.55

596.60

99.73

80

2.50

0.18

1.10

0.18

597.70

99.92

120

3.00

0.13

0.10

0.02

597.80

99.93

170

3.50

0.09

0.10

0.02

597.90

99.95

230

4.00

0.06

0.20

0.03

598.10

99.98

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

1.57

1.28

1.08

0.65

0.14

-0.10

-0.54

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.58

0.67

0.69

-0.96

6.79

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