

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 Detail Phase

Sample Name: JIVC-10-1 #S-2 (4')

Analysis Date: 11-12-10

Analyzed By: JR

Easting (ft): 966208.	Northing (ft): 977533.	Coordinate System: Florida State Plane East	Elevation (ft): -58.5 NAVD 88
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USCS: SW	Munsell: Wet - 10 YR-4/1	Comments: Visual Shell Content = >1%
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Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
267.00	263.65			#230 - 1.28			
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	1.65	0.62	1.65	0.62	
4	-2.25	4.76	0.45	0.17	2.10	0.79	
5	-2.00	4.00	0.88	0.33	2.98	1.12	
7	-1.50	2.83	3.55	1.33	6.53	2.45	
10	-1.00	2.00	8.87	3.32	15.40	5.77	
14	-0.50	1.41	21.56	8.07	36.96	13.84	
18	0.00	1.00	33.70	12.62	70.66	26.46	
25	0.50	0.71	43.52	16.30	114.18	42.76	
35	1.00	0.50	63.91	23.94	178.09	66.70	
45	1.50	0.35	51.54	19.30	229.63	86.00	
60	2.00	0.25	24.00	8.99	253.63	94.99	
80	2.50	0.18	4.92	1.84	258.55	96.84	
120	3.00	0.13	2.95	1.10	261.50	97.94	
170	3.50	0.09	1.20	0.45	262.70	98.39	
230	4.00	0.06	0.89	0.33	263.59	98.72	

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.00	1.45	1.22	0.65	-0.06	-0.41	-1.12
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	0.54	0.69	0.98	-0.41	4.21	

GRANULOMETRIC REPORT JUPITER ISLAND 10 DETAIL PHASE.GPJ FL DEP ROSS.GDT 4/29/11

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 Detail Phase

Sample Name: JIVC-10-1 #S-4 (8')

Analysis Date: 11-12-10

Analyzed By: JR

Easting (ft):

966208.

Northing (ft):

977533.

Coordinate System:

Florida State Plane East

Elevation (ft):

-62.5 NAVD 88

USCS:

SW

Munsell:

Wet - 10 YR-4/1

Comments: Visual Shell Content = 5%

Dry Weight (g):

221.70

Wash Weight (g):

218.42

Pan Retained (g):

Sieve Loss (%):

#230 - 1.49

Fines (%):

Organics (%):

Carbonates (%):

Shells (%):

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

5.24

2.36

5.24

2.36

4

-2.25

4.76

0.67

0.30

5.91

2.67

5

-2.00

4.00

1.29

0.58

7.20

3.25

7

-1.50

2.83

2.86

1.29

10.06

4.54

10

-1.00

2.00

4.25

1.92

14.31

6.45

14

-0.50

1.41

8.73

3.94

23.04

10.39

18

0.00

1.00

14.21

6.41

37.25

16.80

25

0.50

0.71

20.48

9.24

57.73

26.04

35

1.00

0.50

42.77

19.29

100.50

45.33

45

1.50

0.35

57.85

26.09

158.35

71.43

60

2.00

0.25

39.63

17.88

197.98

89.30

80

2.50

0.18

11.25

5.07

209.23

94.38

120

3.00

0.13

5.98

2.70

215.21

97.07

170

3.50

0.09

2.14

0.97

217.35

98.04

230

4.00

0.06

1.04

0.47

218.39

98.51

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.62

1.85

1.60

1.09

0.44

-0.06

-1.38

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.87

0.55

1.17

-1.22

5.59

GRANULARMETRIC REPORT JUPITER ISLAND 10 DETAIL PHASE.GPJ FL DEP ROSS.GDT 4/29/11