


GRANULARMETRIC 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-10-26 #S-1 (1')							
Analysis Date: 11-17-10							
Analyzed By: CA							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967966.		971857.		Florida State Plane East		-53.6 NAVD 88	
USCS:		Munsell:		Comments: Visual Shell Content = 0%			
SW		Wet - 7.5 YR-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
342.80	340.80			#230 - 0.67			
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	-2.49	5.62	0.00	0.00	0.00	0.00	
4	-2.25	4.76	0.80	0.23	0.80	0.23	
5	-2.00	4.00	0.00	0.00	0.80	0.23	
7	-1.50	2.83	0.10	0.03	0.90	0.26	
10	-1.00	2.00	1.30	0.38	2.20	0.64	
14	-0.50	1.41	8.20	2.39	10.40	3.03	
18	0.00	1.00	26.80	7.82	37.20	10.85	
25	0.50	0.71	46.70	13.62	83.90	24.47	
35	1.00	0.50	40.80	11.90	124.70	36.38	
45	1.50	0.35	60.30	17.59	185.00	53.97	
60	2.00	0.25	104.50	30.48	289.50	84.45	
80	2.50	0.18	41.10	11.99	330.60	96.44	
120	3.00	0.13	7.80	2.28	338.40	98.72	
170	3.50	0.09	1.90	0.55	340.30	99.27	
230	4.00	0.06	0.20	0.06	340.50	99.33	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.44	1.99	1.84	1.39	0.52	0.19	-0.37	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.19	0.44	0.88	-0.53	2.99		

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-10-26 #S-2 (4')

Analysis Date: 11-08-10

Analyzed By: JR

Easting (ft): 967966.	Northing (ft): 971857.	Coordinate System: Florida State Plane East	Elevation (ft): -56.6 NAVD 88
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USCS: SW	Munsell: Wet - 10 YR-4/1	Comments: Visual Shell Content = 4%
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Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
305.05	301.71			#230 - 1.16		82.50	
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	5.56	1.82	5.56	1.82	
4	-2.25	4.76	0.69	0.23	6.25	2.05	
5	-2.00	4.00	1.48	0.49	7.73	2.53	
7	-1.50	2.83	3.49	1.14	11.22	3.68	
10	-1.00	2.00	5.62	1.84	16.84	5.52	
14	-0.50	1.41	16.39	5.37	33.23	10.89	
18	0.00	1.00	38.43	12.60	71.66	23.49	
25	0.50	0.71	50.73	16.63	122.39	40.12	
35	1.00	0.50	50.21	16.46	172.60	56.58	
45	1.50	0.35	42.35	13.88	214.95	70.46	
60	2.00	0.25	50.77	16.64	265.72	87.11	
80	2.50	0.18	28.01	9.18	293.73	96.29	
120	3.00	0.13	6.09	2.00	299.82	98.29	
170	3.50	0.09	1.14	0.37	300.96	98.66	
230	4.00	0.06	0.54	0.18	301.50	98.84	

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.43	1.91	1.64	0.80	0.05	-0.30	-1.14
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	0.73	0.60	1.15	-0.77	4.3	

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-10-26 #S-3 (8')

Analysis Date: 11-30-10

Analyzed By: ML

Easting (ft): 967966.	Northing (ft): 971857.	Coordinate System: Florida State Plane East	Elevation (ft): -60.6 NAVD 88
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USCS: SW	Munsell: Wet - 10 YR-4/1	Comments: Visual Shell Content = 3%
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Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
279.40	276.42			#230 - 1.12		79.00	
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	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	3.18	1.14	3.18	1.14	
4	-2.25	4.76	0.20	0.07	3.38	1.21	
5	-2.00	4.00	0.46	0.16	3.84	1.37	
7	-1.50	2.83	2.14	0.77	5.98	2.14	
10	-1.00	2.00	2.90	1.04	8.88	3.18	
14	-0.50	1.41	7.07	2.53	15.95	5.71	
18	0.00	1.00	21.76	7.79	37.71	13.50	
25	0.50	0.71	47.76	17.09	85.47	30.59	
35	1.00	0.50	65.81	23.55	151.28	54.14	
45	1.50	0.35	50.34	18.02	201.62	72.16	
60	2.00	0.25	41.58	14.88	243.20	87.04	
80	2.50	0.18	23.08	8.26	266.28	95.30	
120	3.00	0.13	7.79	2.79	274.07	98.09	
170	3.50	0.09	1.61	0.58	275.68	98.67	
230	4.00	0.06	0.58	0.21	276.26	98.88	

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.48	1.90	1.60	0.91	0.34	0.07	-0.64
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	0.9	0.54	1	-0.8	5.54	

GRANULARMETRIC 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-10-26 #S-4 (10')

Analysis Date: 11-16-10

Analyzed By: CA

Easting (ft):

967966.

Northing (ft):

971857.

Coordinate System:

Florida State Plane East

Elevation (ft):

-62.6 NAVD 88

USCS:

SP

Munsell:

Wet - 7.5 YR-4/1

Comments: Visual Shell Content = 0%

Dry Weight (g):

310.20

Wash Weight (g):

304.40

Pan Retained (g):

Sieve Loss (%):

#230 - 2.13

Fines (%):

Organics (%):

Carbonates (%):

Shells (%):

Sieve Number

Sieve Size
(Phi)Sieve Size
(Millimeters)Grams
Retained% Weight
RetainedCum. Grams
RetainedC. % 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

-2.49

5.62

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

0.10

0.03

0.10

0.03

10

-1.00

2.00

1.10

0.35

1.20

0.39

14

-0.50

1.41

4.20

1.35

5.40

1.74

18

0.00

1.00

15.50

5.00

20.90

6.74

25

0.50

0.71

39.10

12.60

60.00

19.34

35

1.00

0.50

52.20

16.83

112.20

36.17

45

1.50

0.35

67.40

21.73

179.60

57.90

60

2.00

0.25

78.50

25.31

258.10

83.20

80

2.50

0.18

33.40

10.77

291.50

93.97

120

3.00

0.13

9.60

3.09

301.10

97.07

170

3.50

0.09

1.70

0.55

302.80

97.61

230

4.00

0.06

0.80

0.26

303.60

97.87

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.67

2.04

1.84

1.32

0.67

0.37

-0.17

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.23

0.43

0.81

-0.22

2.95

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