

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: 965058D

Analysis Date: 01-28-11

Analyzed By: JR

Easting (ft): 954088.	Northing (ft): 965336.	Coordinate System: Florida State Plane East	Elevation (ft): -4.6 NAVD 88
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USCS: SW	Munsell: Wet - 10 YR-5/1	Comments:
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Dry Weight (g): 676.10	Wash Weight (g): 670.20	Pan Retained (g): 0.00	Sieve Loss (%): 0.00	Fines (%): #230 - 0.87	Organics (%):	Carbonates (%): 86.30	Shells (%): 3.62
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03		1.76	11.90	1.76	
5/8"	-4.00	16.00	2.40	0.35	14.30	2.12	
3.5	-2.50	5.66	8.30	1.23	22.60	3.34	
4	-2.25	4.76	1.90	0.28	24.50	3.62	
5	-2.00	4.00	3.20	0.47	27.70	4.10	
7	-1.50	2.83	10.70	1.58	38.40	5.68	
10	-1.00	2.00	21.40	3.17	59.80	8.84	
14	-0.50	1.41	59.00	8.73	118.80	17.57	
18	0.00	1.00	115.90	17.14	234.70	34.71	
25	0.50	0.71	157.90	23.35	392.60	58.07	
35	1.00	0.50	153.60	22.72	546.20	80.79	
45	1.50	0.35	84.90	12.56	631.10	93.34	
60	2.00	0.25	27.10	4.01	658.20	97.35	
80	2.50	0.18	6.70	0.99	664.90	98.34	
120	3.00	0.13	4.20	0.62	669.10	98.96	
170	3.50	0.09	0.90	0.13	670.00	99.10	
230	4.00	0.06	0.20	0.03	670.20	99.13	

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
1.71	1.13	0.87	0.33	-0.28	-0.59	-1.72
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	0.18	0.88	0.95	-0.67	5.65	

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