


Granularmetric Report				 AMERICAN VIBRACORE SERVICES			
Depths and elevations based on measured values							
Project Name: Jupiter Island 10 - Beach Samples							
Sample Name: 1000258B							
Analysis Date: 01-24-11							
Analyzed By: JR							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
941580.		1000428.		Florida State Plane East		3.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 10 YR-5/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
475.20	472.70	0.10	0.00	#230 - 0.55		79.50	0.15
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	0.00	0.00	0.00	0.00	
4	-2.25	4.76	0.70	0.15	0.70	0.15	
5	-2.00	4.00	0.70	0.15	1.40	0.29	
7	-1.50	2.83	3.90	0.82	5.30	1.12	
10	-1.00	2.00	6.90	1.45	12.20	2.57	
14	-0.50	1.41	15.60	3.28	27.80	5.85	
18	0.00	1.00	40.30	8.48	68.10	14.33	
25	0.50	0.71	100.90	21.23	169.00	35.56	
35	1.00	0.50	137.00	28.83	306.00	64.39	
45	1.50	0.35	62.00	13.05	368.00	77.44	
60	2.00	0.25	48.60	10.23	416.60	87.67	
80	2.50	0.18	31.00	6.52	447.60	94.19	
120	3.00	0.13	17.60	3.70	465.20	97.90	
170	3.50	0.09	7.30	1.54	472.50	99.43	
230	4.00	0.06	0.10	0.02	472.60	99.45	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.61	1.82	1.41	0.75	0.25	0.04	-0.63	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.83	0.56	0.93	0.15	3.47		

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