


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

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 - Beach Samples							
Sample Name: R-70B							
Analysis Date: 01-24-11							
Analyzed By: JR							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
937726.		1007642.		Florida State Plane East		3.4 NAVD 88	
USCS:		Munsell:		Comments:			
SP		Wet - 10 YR-5/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
382.30	380.00	0.10	0.03	#230 - 0.65		64.20	0.00
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	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	0.60	0.16	0.60	0.16	
10	-1.00	2.00	0.40	0.10	1.00	0.26	
14	-0.50	1.41	2.50	0.65	3.50	0.92	
18	0.00	1.00	13.20	3.45	16.70	4.37	
25	0.50	0.71	44.90	11.74	61.60	16.11	
35	1.00	0.50	84.40	22.08	146.00	38.19	
45	1.50	0.35	72.40	18.94	218.40	57.13	
60	2.00	0.25	81.70	21.37	300.10	78.50	
80	2.50	0.18	56.70	14.83	356.80	93.33	
120	3.00	0.13	19.20	5.02	376.00	98.35	
170	3.50	0.09	3.70	0.97	379.70	99.32	
230	4.00	0.06	0.10	0.03	379.80	99.35	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.67	2.19	1.92	1.31	0.70	0.50	0.03	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.3	0.41	0.81	-0.09	2.73		