


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: 983302C							
Analysis Date: 01-14-11							
Analyzed By: JR							
Easting (ft): 948742.		Northing (ft): 983479.		Coordinate System: Florida State Plane East		Elevation (ft): -0.6 NAVD 88	
USCS: SP		Munsell: Wet - 10 YR-4/1		Comments:			
Dry Weight (g): 820.10	Wash Weight (g): 813.40	Pan Retained (g): 0.00	Sieve Loss (%): 0.00	Fines (%): #230 - 0.82	Organics (%):	Carbonates (%):	Shells (%): 0.11
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	0.70	0.09	0.70	0.09	
4	-2.25	4.76	0.20	0.02	0.90	0.11	
5	-2.00	4.00	0.70	0.09	1.60	0.20	
7	-1.50	2.83	1.70	0.21	3.30	0.40	
10	-1.00	2.00	4.50	0.55	7.80	0.95	
14	-0.50	1.41	15.80	1.93	23.60	2.88	
18	0.00	1.00	51.60	6.29	75.20	9.17	
25	0.50	0.71	175.60	21.41	250.80	30.58	
35	1.00	0.50	403.40	49.19	654.20	79.77	
45	1.50	0.35	147.90	18.03	802.10	97.81	
60	2.00	0.25	10.40	1.27	812.50	99.07	
80	2.50	0.18	0.20	0.02	812.70	99.10	
120	3.00	0.13	0.20	0.02	812.90	99.12	
170	3.50	0.09	0.10	0.01	813.00	99.13	
230	4.00	0.06	0.40	0.05	813.40	99.18	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
1.42	1.12	0.95	0.70	0.37	0.16	-0.33	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.63	0.65	0.52	-1.18	8.48		