


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: 993615C							
Analysis Date: 01-10-11							
Analyzed By: JR				Coordinate System:		Elevation (ft):	
Easting (ft):		Northing (ft):		Florida State Plane East		-0.6 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 10 YR-4/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
755.01	755.00	0.00	0.00	#230 - 0.00			0.17
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	1.10	0.15	1.10	0.15	
4	-2.25	4.76	0.20	0.03	1.30	0.17	
5	-2.00	4.00	0.90	0.12	2.20	0.29	
7	-1.50	2.83	3.40	0.45	5.60	0.74	
10	-1.00	2.00	9.70	1.28	15.30	2.03	
14	-0.50	1.41	26.80	3.55	42.10	5.58	
18	0.00	1.00	62.20	8.24	104.30	13.81	
25	0.50	0.71	111.50	14.77	215.80	28.58	
35	1.00	0.50	153.40	20.32	369.20	48.90	
45	1.50	0.35	138.90	18.40	508.10	67.30	
60	2.00	0.25	129.10	17.10	637.20	84.40	
80	2.50	0.18	86.00	11.39	723.20	95.79	
120	3.00	0.13	25.00	3.31	748.20	99.10	
170	3.50	0.09	4.90	0.65	753.10	99.75	
230	4.00	0.06	1.90	0.25	755.00	100.00	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.47	1.99	1.73	1.03	0.38	0.07	-0.58	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.02	0.49	0.95	-0.3	3.32		