


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: 983302D							
Analysis Date: 01-14-11							
Analyzed By: JR							
Easting (ft): 948763.		Northing (ft): 983488.		Coordinate System: Florida State Plane East		Elevation (ft): -4.6 NAVD 88	
USCS: SW		Munsell: Wet - 10 YR-4/2		Comments:			
Dry Weight (g): 693.50	Wash Weight (g): 688.20	Pan Retained (g): 0.00	Sieve Loss (%): 0.00	Fines (%): #230 - 0.76	Organics (%):	Carbonates (%):	Shells (%): 19.78
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03		4.77	33.10	4.77	
5/8"	-4.00	16.00	2.20	0.32	35.30	5.09	
3.5	-2.50	5.66	87.70	12.65	123.00	17.74	
4	-2.25	4.76	14.20	2.05	137.20	19.78	
5	-2.00	4.00	16.70	2.41	153.90	22.19	
7	-1.50	2.83	33.20	4.79	187.10	26.98	
10	-1.00	2.00	32.70	4.72	219.80	31.69	
14	-0.50	1.41	52.30	7.54	272.10	39.24	
18	0.00	1.00	95.70	13.80	367.80	53.04	
25	0.50	0.71	131.80	19.01	499.60	72.04	
35	1.00	0.50	125.40	18.08	625.00	90.12	
45	1.50	0.35	54.80	7.90	679.80	98.02	
60	2.00	0.25	7.80	1.12	687.60	99.15	
80	2.50	0.18	0.30	0.04	687.90	99.19	
120	3.00	0.13	0.10	0.01	688.00	99.21	
170	3.50	0.09	0.10	0.01	688.10	99.22	
230	4.00	0.06	0.10	0.01	688.20	99.24	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
1.31	0.83	0.58	-0.11	-1.71	-2.71	-4.07	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.67	1.59	1.41	-0.4	2.25		