


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

<b>Granularmetric Report</b> Depths and elevations based on measured values				 <b>AMERICAN VIBRACORE</b> SERVICES American Vibracore Services, Inc. 1215 Wallace Drive Delray Beach, FL 33444			
Project Name: Jupiter Island 10 - Beach Samples							
Sample Name: R-75D							
Analysis Date: 01-07-11							
Analyzed By: JR							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
939819.		1003667.		Florida State Plane East		-4.6 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 (%):
654.50	651.40	0.10	0.00	#230 - 0.49			7.94
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	42.90	6.55	42.90	6.55	
4	-2.25	4.76	9.10	1.39	52.00	7.94	
5	-2.00	4.00	17.20	2.63	69.20	10.57	
7	-1.50	2.83	42.00	6.42	111.20	16.99	
10	-1.00	2.00	58.80	8.98	170.00	25.97	
14	-0.50	1.41	82.80	12.65	252.80	38.62	
18	0.00	1.00	106.50	16.27	359.30	54.90	
25	0.50	0.71	103.70	15.84	463.00	70.74	
35	1.00	0.50	80.10	12.24	543.10	82.98	
45	1.50	0.35	35.10	5.36	578.20	88.34	
60	2.00	0.25	22.00	3.36	600.20	91.70	
80	2.50	0.18	27.60	4.22	627.80	95.92	
120	3.00	0.13	19.40	2.96	647.20	98.88	
170	3.50	0.09	3.80	0.58	651.00	99.47	
230	4.00	0.06	0.30	0.05	651.30	99.51	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.39	1.10	0.67	-0.15	-1.05	-1.58	-2.91	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.21	1.16	1.43	-0.11	2.97		