Granularmetric Report

Depths and elevations based on measured values

AMERICAN VIBRACORE SERVICES

American Vibracore Services, Inc.
1215 Wallace Drive
Delray Beach, Fl 33444

Project Name: Jupiter Island 10 - Beach Samples
Sample Name: 993615B
Analysis Date: 01-10-11
Analyzed By: JR

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
944452.	993824.	Florida State Plane East	3.4 NAVD 88

USCS:	Munsell:	Comments:
SP	Wet - 10 YR-4/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
942.50	941.50	0.00	0.01	#230 - 0.12			0.41

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	3.40	0.36	3.40	0.36
4	-2.25	4.76	0.50	0.05	3.90	0.41
5	-2.00	4.00	0.30	0.03	4.20	0.45
7	-1.50	2.83	1.20	0.13	5.40	0.57
10	-1.00	2.00	1.30	0.14	6.70	0.71
14	-0.50	1.41	2.90	0.31	9.60	1.02
18	0.00	1.00	4.80	0.51	14.40	1.53
25	0.50	0.71	12.30	1.31	26.70	2.83
35	1.00	0.50	62.10	6.59	88.80	9.42
45	1.50	0.35	341.40	36.22	430.20	45.64
60	2.00	0.25	409.20	43.42	839.40	89.06
80	2.50	0.18	81.40	8.64	920.80	97.70
120	3.00	0.13	18.00	1.91	938.80	99.61
170	3.50	0.09	2.30	0.24	941.10	99.85
230	4.00	0.06	0.30	0.03	941.40	99.88

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.34	1.94	1.84	1.55	1.22	1.09	0.66

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	1.5	0.35	0.59	-2.64	21.38

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