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: 970641D
Analysis Date: 01-18-11
Analyzed By: JR

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
952966.	970937.	Florida State Plane East	-4.6 NAVD 88

USCS:	Munsell:	Comments:
SP	Wet - 10 YR-5/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
707.40	699.20	0.00	0.01	#230 - 1.17			1.03

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	6.10	0.86	6.10	0.86
4	-2.25	4.76	1.20	0.17	7.30	1.03
5	-2.00	4.00	1.90	0.27	9.20	1.30
7	-1.50	2.83	9.20	1.30	18.40	2.60
10	-1.00	2.00	26.10	3.69	44.50	6.29
14	-0.50	1.41	79.70	11.27	124.20	17.56
18	0.00	1.00	168.20	23.78	292.40	41.33
25	0.50	0.71	211.70	29.93	504.10	71.26
35	1.00	0.50	132.10	18.67	636.20	89.93
45	1.50	0.35	42.20	5.97	678.40	95.90
60	2.00	0.25	13.90	1.96	692.30	97.87
80	2.50	0.18	5.10	0.72	697.40	98.59
120	3.00	0.13	1.20	0.17	698.60	98.76
170	3.50	0.09	0.40	0.06	699.00	98.81
230	4.00	0.06	0.10	0.01	699.10	98.83

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
1.42	0.84	0.60	0.14	-0.34	-0.57	-1.17

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	0.1	0.93	0.79	-0.56	5.65

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