


GRANULARMETRIC REPORT AMI_2008_VIBRACORES_ALL.GPJ FL DEP ROSS.GDT 10/29/08

<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				<div style="text-align: center;">  <p>Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116</p> </div>											
Project Name: AMI 2008 Sand Search															
Sample Name: AMVC-08-17 #2															
Analysis Date: 07-08-08															
Analyzed By: TD				Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):					
412,935		1,158,323		Florida State Plane West		-17.7 NAVD 88									
USCS: SP		Munsell: Wet - 5Y-6/1 Dry - 5Y-7/1 Washed - 5Y-8/1		Comments:											
Dry Weight (g): 89.62		Wash Weight (g): 88.31		Pan Retained (g): 0.03		Sieve Loss (%): 0.00		Fines (%): #200 - 1.54 #230 - 1.50		Organics (%):		Carbonates (%): 9		Shell Hash (%): 1	
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	0.00									
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00									
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00									
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00									
3.5	-2.50	5.66	0.00	0.00	0.00	0.00									
4	-2.25	4.76	0.13	0.15	0.13	0.15									
5	-2.00	4.00	0.29	0.32	0.42	0.47									
7	-1.50	2.83	0.25	0.28	0.67	0.75									
10	-1.00	2.00	0.43	0.48	1.10	1.23									
14	-0.50	1.41	0.69	0.77	1.79	2.00									
18	0.00	1.00	0.74	0.83	2.53	2.83									
25	0.50	0.71	0.87	0.97	3.40	3.80									
35	1.00	0.50	1.07	1.19	4.47	4.99									
45	1.50	0.35	1.09	1.22	5.56	6.21									
60	2.00	0.25	1.56	1.74	7.12	7.95									
80	2.50	0.18	8.37	9.34	15.49	17.29									
120	3.00	0.13	58.57	65.35	74.06	82.64									
170	3.50	0.09	13.40	14.95	87.46	97.59									
200	3.75	0.07	0.78	0.87	88.24	98.46									
230	4.00	0.06	0.04	0.04	88.28	98.50									
Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.															
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95									
3.41	3.05	2.94	2.75	2.56	2.43	1.00									
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis										
Statistics	2.59	0.17	0.79	-3.48	17.12										

