


<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				 <p style="text-align: center;"> <b>Coastal Planning &amp; Engineering</b>                  2481 NW Boca Raton Blvd, Boca Raton                  FL 33431                  ph (561) 391-8102                  fax (561) 391-9116             </p>			
Project Name: AMI 2008 Sand Search							
Sample Name: AMVC-08-30 #2							
Analysis Date: 07-11-08							
Analyzed By: LH							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
409,194		1,159,509		Florida State Plane West		-23.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y-5/1 Dry - 5Y-7/1 Washed - 5Y-7/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.51	93.61	0.00	0.21	#200 - 1.17 #230 - 1.17			3
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	0.86	0.91	0.86	0.91	
5/16"	-3.00	8.00	0.07	0.07	0.93	0.98	
3.5	-2.50	5.66	0.80	0.85	1.73	1.83	
4	-2.25	4.76	0.49	0.52	2.22	2.35	
5	-2.00	4.00	0.59	0.62	2.81	2.97	
7	-1.50	2.83	1.91	2.02	4.72	4.99	
10	-1.00	2.00	4.09	4.33	8.81	9.32	
14	-0.50	1.41	8.09	8.56	16.90	17.88	
18	0.00	1.00	8.83	9.34	25.73	27.22	
25	0.50	0.71	8.64	9.14	34.37	36.36	
35	1.00	0.50	8.23	8.71	42.60	45.07	
45	1.50	0.35	7.54	7.98	50.14	53.05	
60	2.00	0.25	7.50	7.94	57.64	60.99	
80	2.50	0.18	12.21	12.92	69.85	73.91	
120	3.00	0.13	21.26	22.49	91.11	96.40	
170	3.50	0.09	2.23	2.36	93.34	98.76	
200	3.75	0.07	0.07	0.07	93.41	98.83	
230	4.00	0.06	0.00	0.00	93.41	98.83	
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	
2.97	2.72	2.52	1.31	-0.12	-0.61	-1.50	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.07	0.48	1.54	-0.59	2.62		

SIEVE ANALYSIS AMI 2008 VIBRACORES ALL GPJ FL DEP ROSS GDT 10/29/08

