




<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: AMI Beach Samples 2008							
Sample Name: R-39 MHW							
Analysis Date: 10-04-08							
Analyzed By: MTY							
Easting (ft): <b>431,474</b>		Northing (ft): <b>1,133,274</b>		Coordinate System: <b>Florida State Plane West</b>		Elevation (ft): <b>0.3 NAVD 88</b>	
USCS: <b>SW</b>		Munsell: Wet - 2.5Y-7/2 Dry - 2.5Y-8/2 Washed - 2.5Y-8/2		Comments:			
Dry Weight (g): <b>110.67</b>	Wash Weight (g): <b>109.03</b>	Pan Retained (g): <b>0.01</b>	Sieve Loss (%): <b>0.21</b>	Fines (%): <b>#200 - 1.72</b> <b>#230 - 1.69</b>	Organics (%):	Carbonates (%): <b>7</b>	Shell Hash (%): <b>1</b>
<b>Sieve Number</b>	<b>Sieve Size (Phi)</b>	<b>Sieve Size (Millimeters)</b>	<b>Grams Retained</b>	<b>% Weight Retained</b>	<b>Cum. Grams Retained</b>	<b>C. % Weight Retained</b>	
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	1.00	0.90	1.00	0.90	
3.5	-2.50	5.66	0.97	0.88	1.97	1.78	
4	-2.25	4.76	0.24	0.22	2.21	2.00	
5	-2.00	4.00	0.24	0.22	2.45	2.22	
7	-1.50	2.83	0.64	0.58	3.09	2.80	
10	-1.00	2.00	0.35	0.32	3.44	3.12	
14	-0.50	1.41	0.24	0.22	3.68	3.34	
18	0.00	1.00	0.12	0.11	3.80	3.45	
25	0.50	0.71	0.22	0.20	4.02	3.65	
35	1.00	0.50	0.28	0.25	4.30	3.90	
45	1.50	0.35	0.27	0.24	4.57	4.14	
60	2.00	0.25	0.99	0.89	5.56	5.03	
80	2.50	0.18	13.91	12.57	19.47	17.60	
120	3.00	0.13	66.96	60.50	86.43	78.10	
170	3.50	0.09	21.83	19.73	108.26	97.83	
200	3.75	0.07	0.50	0.45	108.76	98.28	
230	4.00	0.06	0.03	0.03	108.79	98.31	
Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.							
<b>Phi 5</b>	<b>Phi 16</b>	<b>Phi 25</b>	<b>Phi 50</b>	<b>Phi 75</b>	<b>Phi 84</b>	<b>Phi 95</b>	
3.43	3.15	2.97	2.77	2.56	2.44	1.98	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.59	0.17	1.01	-4.35	22.89		

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
R-39 MHW		0.3	SW	#200 - 1.72 #230 - 1.69		7	2.77	2.59	-4.35	22.89	1.01	Project Name:	AMI Beach Samples 2008
Comments:												Analysis Date:	10-04-08
Depths and elevations based on measured values												Analyzed By:	MTY
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	431,474
												Northing (Y, ft):	1,133,274
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88