

# Granularmetric Report

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 2008 Sand Search

Sample Name: AMVC-08-26 #3

Analysis Date: 07-09-08

Analyzed By: TD

Easting (ft): <b>409,640</b>	Northing (ft): <b>1,158,254</b>	Coordinate System: <b>Florida State Plane West</b>	Elevation (ft): <b>-21.7 NAVD 88</b>
---------------------------------	------------------------------------	---	---

USCS: <b>SW</b>	Munsell: <b>Wet - 5Y-6/1 Dry - 5Y-6/1 Washed - 5Y-7/1</b>	Comments:
--------------------	---	-----------

Dry Weight (g): <b>92.07</b>	Wash Weight (g): <b>91.03</b>	Pan Retained (g): <b>0.01</b>	Sieve Loss (%): <b>0.05</b>	Fines (%): <b>#200 - 1.22 #230 - 1.20</b>	Organics (%):	Carbonates (%): <b>44</b>	Shell Hash (%): <b>2</b>
---------------------------------	----------------------------------	----------------------------------	--------------------------------	--	---------------	------------------------------	-----------------------------

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	0.35	0.38	0.35	0.38
3.5	-2.50	5.66	0.68	0.74	1.03	1.12
4	-2.25	4.76	0.00	0.00	1.03	1.12
5	-2.00	4.00	0.29	0.31	1.32	1.43
7	-1.50	2.83	1.76	1.91	3.08	3.34
10	-1.00	2.00	3.75	4.07	6.83	7.41
14	-0.50	1.41	7.18	7.80	14.01	15.21
18	0.00	1.00	7.13	7.74	21.14	22.95
25	0.50	0.71	7.49	8.14	28.63	31.09
35	1.00	0.50	6.97	7.57	35.60	38.66
45	1.50	0.35	6.70	7.28	42.30	45.94
60	2.00	0.25	4.60	5.00	46.90	50.94
80	2.50	0.18	7.72	8.38	54.62	59.32
120	3.00	0.13	28.92	31.41	83.54	90.73
170	3.50	0.09	6.98	7.58	90.52	98.31
200	3.75	0.07	0.43	0.47	90.95	98.78
230	4.00	0.06	0.02	0.02	90.97	98.80

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
3.28	2.89	2.75	1.91	0.13	-0.45	-1.30
Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
	1.39	0.38	1.55	-0.61	2.26	

GRANULARMETRIC REPORT AMI\_2008\_VIBRACORES\_ALL.GPJ FL DEP ROSS.GDT 10/29/08

