

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-08-27 #4

Analysis Date: 08-19-08

Analyzed By: PB

Easting (ft):	Northing (ft):
409,240	1,158,469

Coordinate System:	Elevation (ft):
Florida State Plane West	-25.3 NAVD 88

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

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
85.03	83.20	0.02	0.00	#200 - 2.23 #230 - 2.18		57	4

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	0.78	0.92	0.78	0.92
4	-2.25	4.76	0.18	0.21	0.96	1.13
5	-2.00	4.00	0.63	0.74	1.59	1.87
7	-1.50	2.83	2.60	3.06	4.19	4.93
10	-1.00	2.00	4.48	5.27	8.67	10.20
14	-0.50	1.41	7.33	8.62	16.00	18.82
18	0.00	1.00	8.07	9.49	24.07	28.31
25	0.50	0.71	8.43	9.91	32.50	38.22
35	1.00	0.50	8.25	9.70	40.75	47.92
45	1.50	0.35	7.49	8.81	48.24	56.73
60	2.00	0.25	6.79	7.99	55.03	64.72
80	2.50	0.18	9.13	10.74	64.16	75.46
120	3.00	0.13	16.26	19.12	80.42	94.58
170	3.50	0.09	2.58	3.03	83.00	97.61
200	3.75	0.07	0.14	0.16	83.14	97.77
230	4.00	0.06	0.04	0.05	83.18	97.82

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
3.07	2.72	2.48	1.12	-0.17	-0.66	-1.49
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	0.99	0.50	1.49	-0.31	2.05	

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

SIEVE ANALYSIS AMI_2008_VIBRACORES_ALL.GPJ FL DEP ROSS.GDT 10/29/08

