

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-08-18 #2

Analysis Date: 07-08-08

Analyzed By: TD

Easting (ft): 411,655
 Northing (ft): 1,156,808

Coordinate System: Florida State Plane West
 Elevation (ft): -20.0 NAVD 88

USCS: SP
 Munsell: Wet - 5Y-7/1
 Dry - 5Y-7/1
 Washed - 5Y-8/1
 Comments:

Dry Weight (g): 89.11
 Wash Weight (g): 87.86
 Pan Retained (g): 0.02
 Sieve Loss (%): 0.03
 Finer (%): #200 - 1.50
 #230 - 1.46
 Organics (%):
 Carbonates (%): 5
 Shell Hash (%): 0

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	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.08	0.09	0.08	0.09
10	-1.00	2.00	0.12	0.13	0.20	0.22
14	-0.50	1.41	0.25	0.28	0.45	0.50
18	0.00	1.00	0.24	0.27	0.69	0.77
25	0.50	0.71	0.40	0.45	1.09	1.22
35	1.00	0.50	0.54	0.61	1.63	1.83
45	1.50	0.35	0.95	1.07	2.58	2.90
60	2.00	0.25	2.97	3.33	5.55	6.23
80	2.50	0.18	19.00	21.32	24.55	27.55
120	3.00	0.13	52.62	59.05	77.17	86.60
170	3.50	0.09	10.27	11.53	87.44	98.13
200	3.75	0.07	0.33	0.37	87.77	98.50
230	4.00	0.06	0.04	0.04	87.81	98.54

Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.

Moment Statistics	Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.36	2.98	2.90	2.69	2.44	2.23	1.82
	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
	2.6	0.16	0.53	-3.04	19.21		

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

