

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
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Project Name: AMI 2008 Sand Search  
Sample Name: AMVC-08-02 #3  
Analysis Date: 07-05-08  
Analyzed By: TD

Easting (ft): <b>412,571</b>	Northing (ft): <b>1,154,054</b>	Coordinate System: <b>Florida State Plane West</b>	Elevation (ft): <b>-26.1 NAVD 88</b>
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USCS: <b>SP</b>	Munsell: Wet - 5Y-6/2 Dry - 5Y-7/1 Washed - 5Y-8/1	Comments:
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Dry Weight (g): <b>89.74</b>	Wash Weight (g): <b>87.58</b>	Pan Retained (g): <b>0.05</b>	Sieve Loss (%): <b>0.00</b>	Fines (%): #200 - 2.74 #230 - 2.46	Organics (%):	Carbonates (%):	Shell Hash (%): <b>0</b>
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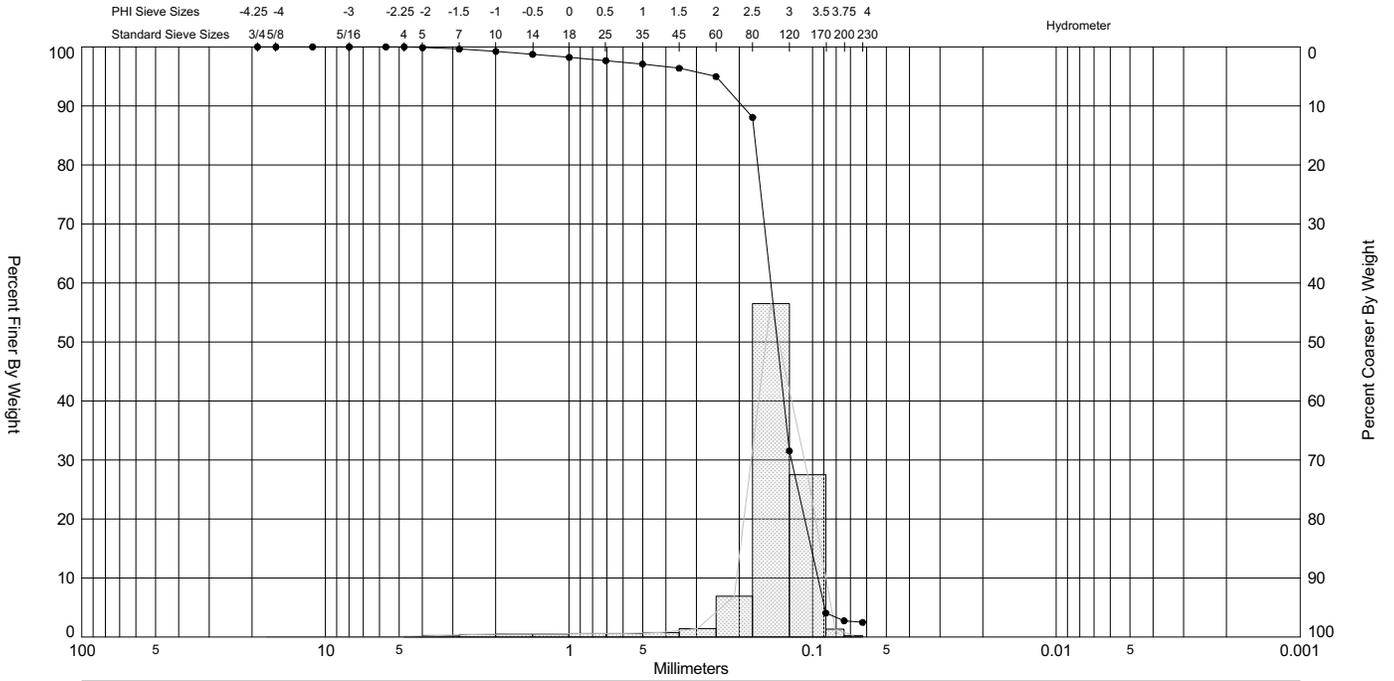
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.11	0.12	0.11	0.12
7	-1.50	2.83	0.22	0.25	0.33	0.37
10	-1.00	2.00	0.36	0.40	0.69	0.77
14	-0.50	1.41	0.45	0.50	1.14	1.27
18	0.00	1.00	0.46	0.51	1.60	1.78
25	0.50	0.71	0.50	0.56	2.10	2.34
35	1.00	0.50	0.50	0.56	2.60	2.90
45	1.50	0.35	0.65	0.72	3.25	3.62
60	2.00	0.25	1.27	1.42	4.52	5.04
80	2.50	0.18	6.20	6.91	10.72	11.95
120	3.00	0.13	50.71	56.51	61.43	68.46
170	3.50	0.09	24.67	27.49	86.10	95.95
200	3.75	0.07	1.18	1.31	87.28	97.26
230	4.00	0.06	0.25	0.28	87.53	97.54

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
3.48	3.28	3.12	2.84	2.62	2.54	1.99
Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
	2.75	0.15	0.67	-3.78	21.85	

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



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	
AMVC-08-02 #3	—●—	-26.1	SP	#200 - 2.74 #230 - 2.46			2.84	2.75	-3.78	21.85	0.67	Project Name:	AMI 2008 Sand Search
Comments:												Analysis Date:	07-05-08
Depths and elevations based on measured values												Analyzed By:	TD
 <div style="text-align: center;"> <p>Coastal Planning &amp; Engineering            2481 NW Boca Raton Blvd, Boca Raton            FL 33431            ph (561) 391-8102            fax (561) 391-9116</p> </div>												Easting (X, ft):	412,571
												Northing (Y, ft):	1,154,054
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88