

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-08-13 #3
Analysis Date: 07-14-08
Analyzed By: TD

Easting (ft): 413,927	Northing (ft): 1,157,393	Coordinate System: Florida State Plane West	Elevation (ft): -17.2 NAVD 88
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USCS: SW	Munsell: Wet - 5Y-7/1 Dry - 5Y-7/1 Washed - 5Y-7/1	Comments:
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Dry Weight (g): 86.26	Wash Weight (g): 84.99	Pan Retained (g): 0.04	Sieve Loss (%): 0.07	Fines (%): #200 - 1.77 #230 - 1.57	Organics (%):	Carbonates (%): 47	Shell Hash (%): 7
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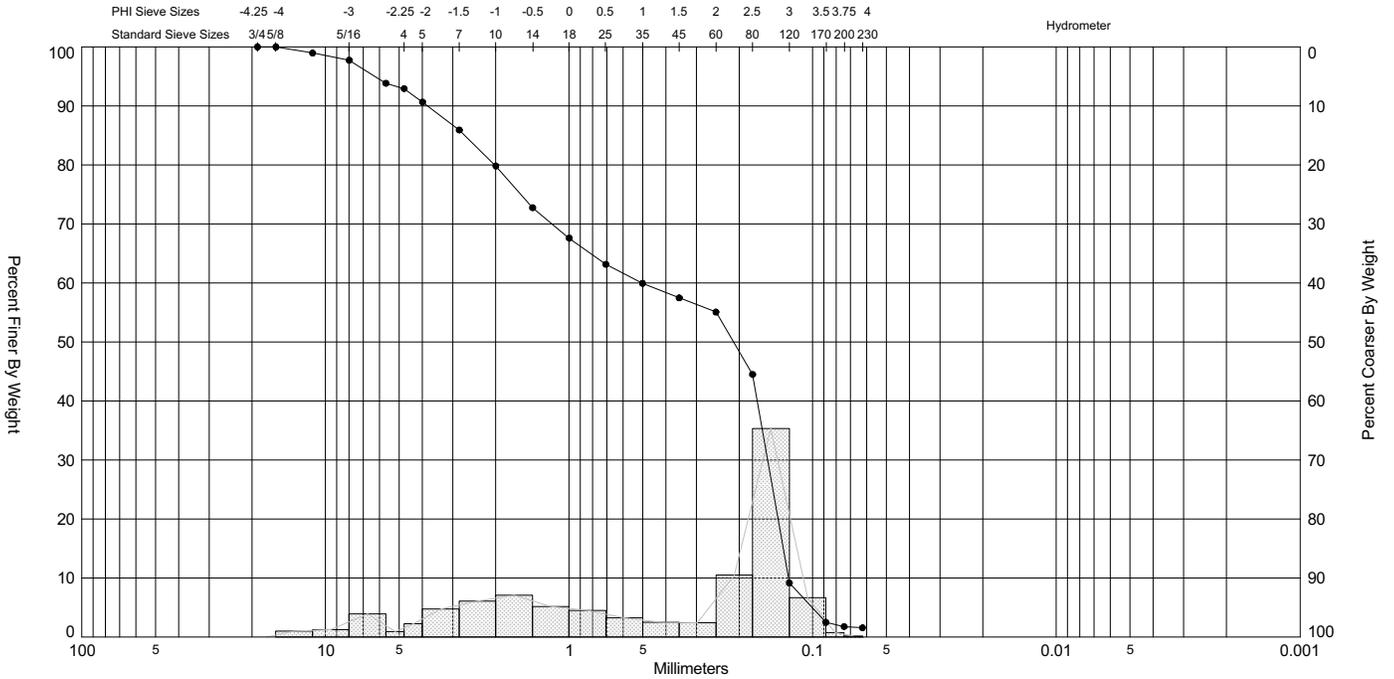
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.89	1.03	0.89	1.03
5/16"	-3.00	8.00	1.05	1.22	1.94	2.25
3.5	-2.50	5.66	3.36	3.90	5.30	6.15
4	-2.25	4.76	0.79	0.92	6.09	7.07
5	-2.00	4.00	1.97	2.28	8.06	9.35
7	-1.50	2.83	4.07	4.72	12.13	14.07
10	-1.00	2.00	5.27	6.11	17.40	20.18
14	-0.50	1.41	6.08	7.05	23.48	27.23
18	0.00	1.00	4.45	5.16	27.93	32.39
25	0.50	0.71	3.85	4.46	31.78	36.85
35	1.00	0.50	2.77	3.21	34.55	40.06
45	1.50	0.35	2.13	2.47	36.68	42.53
60	2.00	0.25	2.09	2.42	38.77	44.95
80	2.50	0.18	9.09	10.54	47.86	55.49
120	3.00	0.13	30.49	35.35	78.35	90.84
170	3.50	0.09	5.75	6.67	84.10	97.51
200	3.75	0.07	0.62	0.72	84.72	98.23
230	4.00	0.06	0.17	0.20	84.89	98.43

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
3.31	2.90	2.78	2.24	-0.66	-1.34	-2.65
Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
	1.11	0.46	2.01	-0.69	2.07	

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-08-13 #3	—●—	-17.2	SW	#200 - 1.77 #230 - 1.57		47	2.24	1.11	-0.69	2.07	2.01	Project Name:	AMI 2008 Sand Search
Comments:												Analysis Date:	07-14-08
Depths and elevations based on measured values												Analyzed By:	TD
			Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116									Easting (X, ft):	413,927
												Northing (Y, ft):	1,157,393
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88