

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
 2481 NW Boca Raton Blvd, Boca Raton  
 FL 33431  
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Project Name: Anna Maria 2008 Composites

Sample Name: AMVC-08-19 COMP

Analysis Date: 09-16-08

Analyzed By: KD

Easting (ft): 411,064	Northing (ft): 1,156,408	Coordinate System: Florida State Plane West	Elevation (ft):
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USCS: SP	Munsell:	Comments: COMPOSITE
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Dry Weight (g): 100.00	Wash Weight (g): 100.00	Pan Retained (g): 1.80	Sieve Loss (%): 0.02	Fines (%): #200 - 1.90 #230 - 1.82	Organics (%):	Carbonates (%): 8	Shell Hash (%):
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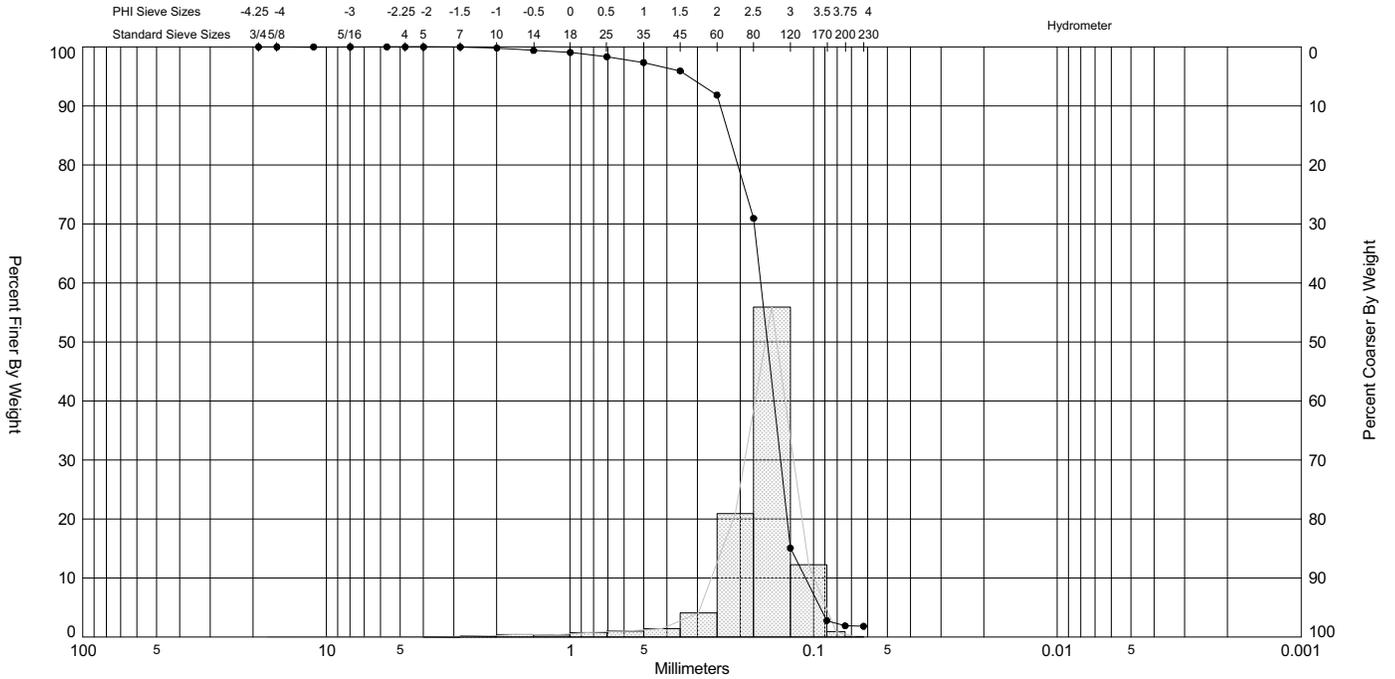
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.02	0.02	0.02	0.02
10	-1.00	2.00	0.16	0.16	0.18	0.18
14	-0.50	1.41	0.44	0.44	0.62	0.62
18	0.00	1.00	0.31	0.31	0.93	0.93
25	0.50	0.71	0.73	0.73	1.66	1.66
35	1.00	0.50	0.98	0.98	2.64	2.64
45	1.50	0.35	1.43	1.43	4.07	4.07
60	2.00	0.25	4.07	4.07	8.14	8.14
80	2.50	0.18	20.90	20.90	29.04	29.04
120	3.00	0.13	55.91	55.91	84.95	84.95
170	3.50	0.09	12.27	12.27	97.22	97.22
200	3.75	0.07	0.88	0.88	98.10	98.10
230	4.00	0.06	0.08	0.08	98.18	98.18

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
3.41	2.99	2.91	2.69	2.40	2.19	1.61
Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
	2.58	0.17	0.58	-2.62	14.15	

GRANULARMETRIC REPORT VIBRACORE COMPOSITE\_08\_AND\_05\_VCS\_UPDATED\_091608.GPJ\_JPBRAZIL.GDT 10/31/08

SIEVE ANALYSIS VIBRACORE COMPOSITE\_08\_AND\_05\_VCS\_UPDATED\_091608.GPJ\_JPBRAZIL\_GDT\_10/31/08



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-08-19 COMP	—●—		SP	#200 - 1.90 #230 - 1.82		8	2.69	2.58	-2.62	14.15	0.58	Project Name:	Anna Maria 2008 Composites
Comments: COMPOSITE												Analysis Date:	09-16-08
Depths and elevations based on measured values												Analyzed By:	KD
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	411,064
												Northing (Y, ft):	1,156,408
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88