
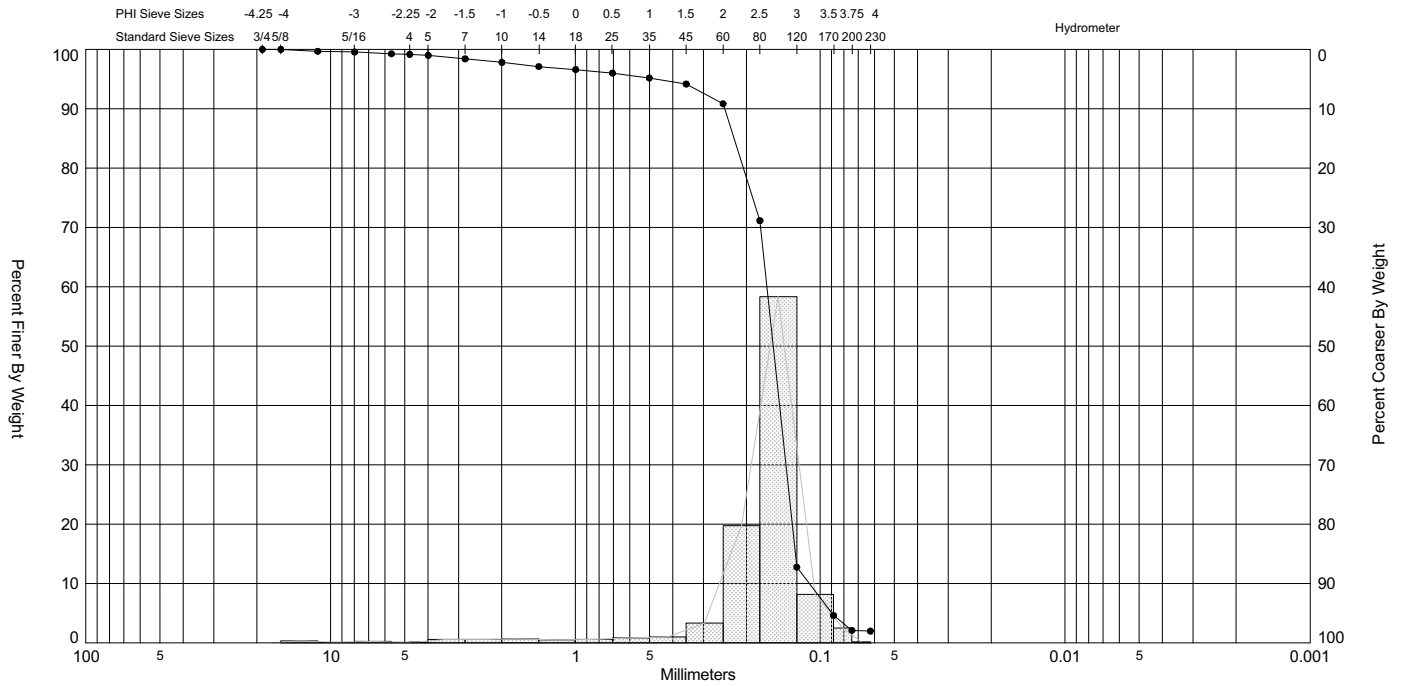



GRANULARMETRIC REPORT VIBRACORE COMPOSITE_08 AND_05_VCS_UPDATED_091608.GPJ JPBRAZIL.GDT 10/31/08

<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				<div style="text-align: center;">  <p>Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116</p> </div>			
Project Name: Anna Maria 2008 Composites							
Sample Name: AMVC-05-11 COMP							
Analysis Date: 09-16-08							
Analyzed By: KD							
Easting (ft): 413,677		Northing (ft): 1,156,316		Coordinate System: Florida State Plane West		Elevation (ft):	
USCS: SW		Munsell:		Comments: COMPOSITE			
Dry Weight (g): 100.00	Wash Weight (g): 100.00	Pan Retained (g): 1.61	Sieve Loss (%): 0.36	Fines (%): #200 - 2.10 #230 - 1.97	Organics (%):	Carbonates (%): 8	Shell Hash (%):
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	0.32	0.32	0.32	0.32	
5/16"	-3.00	8.00	0.12	0.12	0.44	0.44	
3.5	-2.50	5.66	0.29	0.29	0.73	0.73	
4	-2.25	4.76	0.11	0.11	0.84	0.84	
5	-2.00	4.00	0.17	0.17	1.01	1.01	
7	-1.50	2.83	0.58	0.58	1.59	1.59	
10	-1.00	2.00	0.60	0.60	2.19	2.19	
14	-0.50	1.41	0.69	0.69	2.88	2.88	
18	0.00	1.00	0.51	0.51	3.39	3.39	
25	0.50	0.71	0.61	0.61	4.00	4.00	
35	1.00	0.50	0.81	0.81	4.81	4.81	
45	1.50	0.35	1.02	1.02	5.83	5.83	
60	2.00	0.25	3.32	3.32	9.15	9.15	
80	2.50	0.18	19.71	19.71	28.86	28.86	
120	3.00	0.13	58.37	58.37	87.23	87.23	
170	3.50	0.09	8.14	8.14	95.37	95.37	
200	3.75	0.07	2.53	2.53	97.90	97.90	
230	4.00	0.06	0.13	0.13	98.03	98.03	
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	2.97	2.90	2.68	2.40	2.17	1.09	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.48	0.18	0.92	-3.76	20.2		

SIEVE ANALYSIS VIBRACORE COMPOSITE_08_AND_05_VC'S 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-05-11 COMP	—●—		SW	#200 - 2.10 #230 - 1.97		8	2.68	2.48	-3.76	20.2	0.92	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						Easting (X, ft):	413,677
						2481 NW Boca Raton Blvd, Boca Raton						Northing (Y, ft):	1,156,316
						FL 33431						Horizontal System:	NAD 1983
						ph (561) 391-8102 fax (561) 391-9116						Vertical System:	NAVD 88