
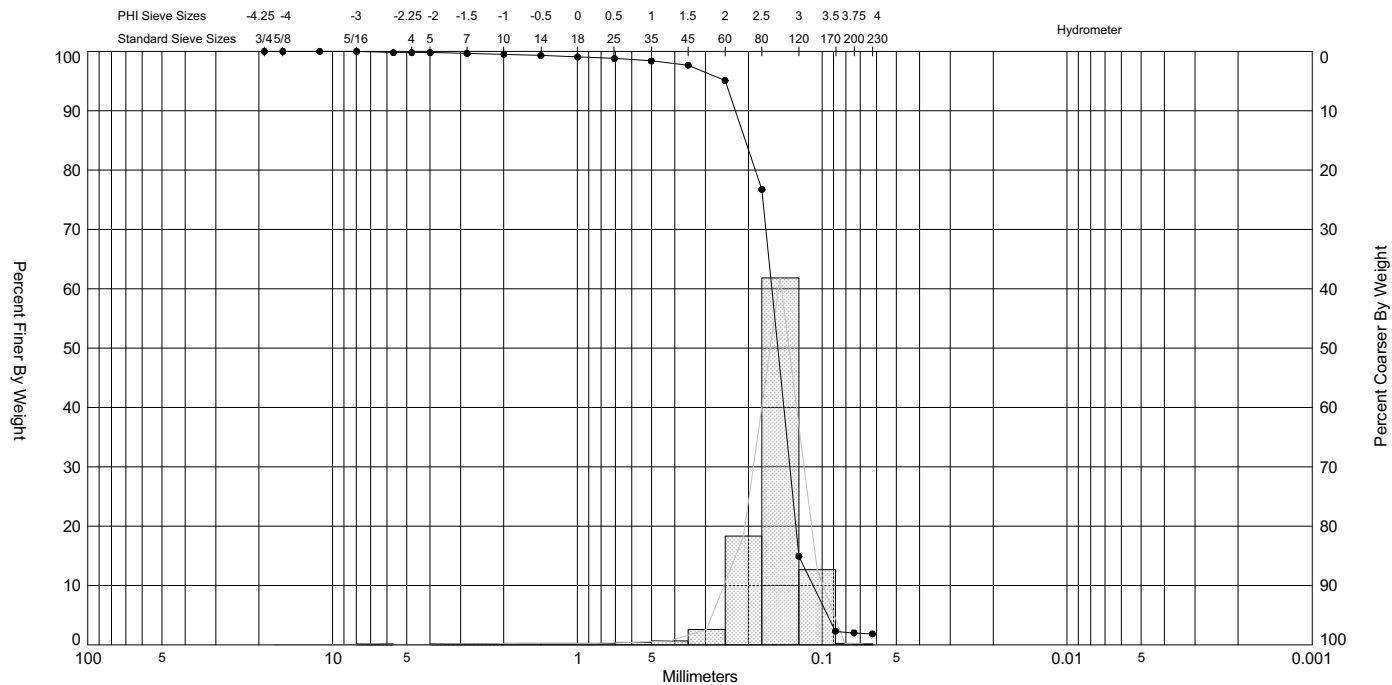



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Anna Maria Island							
Sample Name: AMVC-05-11 #1							
Analysis Date: 02-28-05							
Analyzed By: CPE							
Easting (ft): <b>413,677</b>		Northing (ft): <b>1,156,316</b>		Coordinate System: <b>Florida State Plane West</b>		Elevation (ft): <b>-19.7 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: Wet - 5Y-6/1 Dry - 5Y-8/1 Washed - 2.5Y-8/1		Comments:			
Dry Weight (g): <b>90.10</b>	Wash Weight (g): <b>88.71</b>	Pan Retained (g): <b>0.00</b>	Sieve Loss (%): <b>0.33</b>	Fines (%): <b>#200 - 2.03</b> <b>#230 - 1.87</b>	Organics (%):	Carbonates (%): <b>5</b>	Shell Hash (%): <b>0</b>
<b>Sieve Number</b>	<b>Sieve Size (Phi)</b>	<b>Sieve Size (Millimeters)</b>	<b>Grams Retained</b>	<b>% Weight Retained</b>	<b>Cum. Grams Retained</b>	<b>C. % Weight Retained</b>	
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	
11/16"	-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	0.18	0.20	0.18	0.20	
4	-2.25	4.76	0.00	0.00	0.18	0.20	
5	-2.00	4.00	0.00	0.00	0.18	0.20	
7	-1.50	2.83	0.13	0.14	0.31	0.34	
10	-1.00	2.00	0.12	0.13	0.43	0.47	
14	-0.50	1.41	0.20	0.22	0.63	0.69	
18	0.00	1.00	0.22	0.24	0.85	0.93	
25	0.50	0.71	0.24	0.27	1.09	1.20	
35	1.00	0.50	0.38	0.42	1.47	1.62	
45	1.50	0.35	0.63	0.70	2.10	2.32	
60	2.00	0.25	2.33	2.59	4.43	4.91	
80	2.50	0.18	16.53	18.35	20.96	23.26	
120	3.00	0.13	55.68	61.80	76.64	85.06	
170	3.50	0.09	11.40	12.65	88.04	97.71	
200	3.75	0.07	0.23	0.26	88.27	97.97	
230	4.00	0.06	0.14	0.16	88.41	98.13	
Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.							
<b>Phi 5</b>	<b>Phi 16</b>	<b>Phi 25</b>	<b>Phi 50</b>	<b>Phi 75</b>	<b>Phi 84</b>	<b>Phi 95</b>	
3.39	2.99	2.92	2.72	2.51	2.30	2.00	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.63	0.16	0.56	-4.33	33.93		

SIEVE ANALYSIS ANNA MARIA\_05 NAVD88.GPJ FL DEPROSS.GDT 10/30/08



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 #1	—●—	-19.7	SP	#200 - 2.03 #230 - 1.87		5	2.72	2.63	-4.33	33.93	0.56	Project Name:	Anna Maria Island
Comments:												Analysis Date:	02-28-05
Depths and elevations based on measured values												Analyzed By:	CPE
						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