

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: Anna Maria 2008 Composites

Sample Name: AMVC-08-05 COMP

Analysis Date: 09-15-08

Analyzed By: KD

Easting (ft): 413,023	Northing (ft): 1,154,853	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): 2.17	Sieve Loss (%): 0.03	Fines (%): #200 - 2.47 #230 - 2.20	Organics (%):	Carbonates (%): 10	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	0.05	0.05	0.05	0.05
3.5	-2.50	5.66	0.15	0.15	0.20	0.20
4	-2.25	4.76	0.00	0.00	0.20	0.20
5	-2.00	4.00	0.20	0.20	0.40	0.40
7	-1.50	2.83	0.41	0.41	0.81	0.81
10	-1.00	2.00	0.61	0.61	1.42	1.42
14	-0.50	1.41	0.83	0.83	2.25	2.25
18	0.00	1.00	0.75	0.75	3.00	3.00
25	0.50	0.71	0.85	0.85	3.85	3.85
35	1.00	0.50	1.04	1.04	4.89	4.89
45	1.50	0.35	1.23	1.23	6.12	6.12
60	2.00	0.25	2.89	2.89	9.01	9.01
80	2.50	0.18	15.24	15.24	24.25	24.25
120	3.00	0.13	55.33	55.33	79.58	79.58
170	3.50	0.09	16.90	16.90	96.48	96.48
200	3.75	0.07	1.05	1.05	97.53	97.53
230	4.00	0.06	0.27	0.27	97.80	97.80

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
3.46	3.13	2.96	2.73	2.51	2.23	1.04
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	2.56	0.17	0.83	-3.25	16.09	

GRANULARMETRIC REPORT VIBRACORE COMPOSITE_08_AND_05_VCS_UPDATED_091608.GPJ_JPBRAZIL.GDT 10/31/08

