



Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715-E North Dr. Melbourne, Fl. 32934 Phone (321) 751-1135 Fax (321) 751-2343			
Project Name: Gulf County Supplemental							
Sample Name: C-205 #1							
Analysis Date: 08-06-06							
Analyzed By: LA							
Easting (ft): 1,677,605.54		Northing (ft): 262,477.99		Coordinate System: Florida State Plane North		Elevation (ft): -31.9 NAVD 88	
USCS: SP		Munsell: Wet - 10YR-8/1		Comments:			
Dry Weight (g): 134.71	Wash Weight (g):	Pan Retained (g): 0.01	Sieve Loss (%):	Fines (%): #200 - 0.11 #230 - 0.11	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
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	0.61	0.45	0.61	0.45	
3.5	-2.50	5.66	0.54	0.40	1.15	0.85	
4	-2.25	4.76	0.70	0.52	1.85	1.37	
5	-2.00	4.00	0.34	0.25	2.19	1.62	
7	-1.50	2.83	0.86	0.64	3.05	2.26	
10	-1.00	2.00	1.51	1.12	4.56	3.38	
14	-0.50	1.41	1.76	1.31	6.32	4.69	
18	0.00	1.00	2.33	1.73	8.65	6.42	
25	0.50	0.71	5.47	4.06	14.12	10.48	
35	1.00	0.50	13.00	9.65	27.12	20.13	
45	1.50	0.35	46.25	34.33	73.37	54.46	
60	2.00	0.25	46.94	34.85	120.31	89.31	
80	2.50	0.18	12.79	9.49	133.10	98.80	
120	3.00	0.13	1.34	0.99	134.44	99.79	
170	3.50	0.09	0.12	0.09	134.56	99.88	
200	3.75	0.07	0.01	0.01	134.57	99.89	
230	4.00	0.06	0.00	0.00	134.57	99.89	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.30	1.92	1.79	1.44	1.07	0.79	-0.41	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.28	0.41	0.86	-2.3	10.45		

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Project Name: Gulf County Supplemental							
Sample Name: C-205 #2							
Analysis Date: 08-06-06							
Analyzed By: JV							
Easting (ft): 1,677,605.54		Northing (ft): 262,477.99		Coordinate System: Florida State Plane North		Elevation (ft): -35.6 NAVD 88	
USCS: SP		Munsell: Wet - 10YR-6/1		Comments:			
Dry Weight (g): 128.97	Wash Weight (g): 124.05	Pan Retained (g): 0.04	Sieve Loss (%): 0.44	Fines (%): #200 - 4.33 #230 - 4.29	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	3.02	2.34	3.02	2.34	
11/16"	-3.50	11.31	0.00	0.00	3.02	2.34	
5/16"	-3.00	8.00	2.59	2.01	5.61	4.35	
3.5	-2.50	5.66	2.40	1.86	8.01	6.21	
4	-2.25	4.76	0.75	0.58	8.76	6.79	
5	-2.00	4.00	0.86	0.67	9.62	7.46	
7	-1.50	2.83	1.45	1.12	11.07	8.58	
10	-1.00	2.00	1.14	0.88	12.21	9.46	
14	-0.50	1.41	1.21	0.94	13.42	10.40	
18	0.00	1.00	1.16	0.90	14.58	11.30	
25	0.50	0.71	2.01	1.56	16.59	12.86	
35	1.00	0.50	4.76	3.69	21.35	16.55	
45	1.50	0.35	10.11	7.84	31.46	24.39	
60	2.00	0.25	21.37	16.57	52.83	40.96	
80	2.50	0.18	47.28	36.66	100.11	77.62	
120	3.00	0.13	20.25	15.70	120.36	93.32	
170	3.50	0.09	2.86	2.22	123.22	95.54	
200	3.75	0.07	0.17	0.13	123.39	95.67	
230	4.00	0.06	0.05	0.04	123.44	95.71	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.38	2.70	2.46	2.12	1.52	0.93	-2.83	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.54	0.34	1.37	-1.86	6.57		