



<b>Granularmetric Report</b> Depths and elevations based on measured values				 <b>COASTAL TECH</b> 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-510 #1							
Analysis Date: 08-15-06							
Analyzed By: JV							
Easting (ft): <b>1,681,004.92</b>		Northing (ft): <b>248,809.61</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-32.2 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR-8/1</b>		Comments:			
Dry Weight (g): <b>93.04</b>	Wash Weight (g):	Pan Retained (g): <b>0.08</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.15</b> <b>#230 - 0.14</b>	Organics (%):	Carbonates (%):	Shells (%):
<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>	
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	0.29	0.31	0.29	0.31	
4	-2.25	4.76	0.00	0.00	0.29	0.31	
5	-2.00	4.00	0.01	0.01	0.30	0.32	
7	-1.50	2.83	0.18	0.19	0.48	0.51	
10	-1.00	2.00	0.18	0.19	0.66	0.70	
14	-0.50	1.41	0.19	0.20	0.85	0.90	
18	0.00	1.00	0.20	0.21	1.05	1.11	
25	0.50	0.71	0.40	0.43	1.45	1.54	
35	1.00	0.50	0.92	0.99	2.37	2.53	
45	1.50	0.35	3.88	4.17	6.25	6.70	
60	2.00	0.25	14.27	15.34	20.52	22.04	
80	2.50	0.18	42.43	45.60	62.95	67.64	
120	3.00	0.13	27.40	29.45	90.35	97.09	
170	3.50	0.09	2.47	2.65	92.82	99.74	
200	3.75	0.07	0.10	0.11	92.92	99.85	
230	4.00	0.06	0.01	0.01	92.93	99.86	
<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>	
2.96	2.78	2.62	2.31	2.03	1.80	1.30	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.24	0.21	0.62	-3.08	21.3		

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Project Name: Gulf County Supplemental							
Sample Name: C-510 #2							
Analysis Date: 08-15-06							
Analyzed By: JV							
Easting (ft): <b>1,681,004.92</b>		Northing (ft): <b>248,809.61</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-34.4 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR-8/1</b>		Comments:			
Dry Weight (g): <b>116.87</b>	Wash Weight (g):	Pan Retained (g): <b>0.05</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.07</b> <b>#230 - 0.04</b>	Organics (%):	Carbonates (%):	Shells (%):
<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>	
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	0.00	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	0.06	0.05	0.06	0.05	
10	-1.00	2.00	0.34	0.29	0.40	0.34	
14	-0.50	1.41	0.45	0.39	0.85	0.73	
18	0.00	1.00	0.65	0.56	1.50	1.29	
25	0.50	0.71	1.02	0.87	2.52	2.16	
35	1.00	0.50	1.73	1.48	4.25	3.64	
45	1.50	0.35	3.45	2.95	7.70	6.59	
60	2.00	0.25	10.02	8.57	17.72	15.16	
80	2.50	0.18	49.81	42.62	67.53	57.78	
120	3.00	0.13	46.31	39.63	113.84	97.41	
170	3.50	0.09	2.90	2.48	116.74	99.89	
200	3.75	0.07	0.05	0.04	116.79	99.93	
230	4.00	0.06	0.03	0.03	116.82	99.96	
<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>	
2.97	2.83	2.72	2.41	2.12	2.01	1.23	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.32	0.20	0.59	-2.44	12.4		