


<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-303 #1							
Analysis Date: 08-08-06							
Analyzed By: JV							
Easting (ft): <b>1,677,436.1</b>		Northing (ft): <b>257,349.3</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-35.8 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR-8/2</b>		Comments:			
Dry Weight (g): <b>100.10</b>	Wash Weight (g):	Pan Retained (g): <b>0.00</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.01</b> <b>#230 - 0.00</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	0.12	0.12	0.12	0.12	
4	-2.25	4.76	0.00	0.00	0.12	0.12	
5	-2.00	4.00	0.00	0.00	0.12	0.12	
7	-1.50	2.83	0.16	0.16	0.28	0.28	
10	-1.00	2.00	0.26	0.26	0.54	0.54	
14	-0.50	1.41	0.56	0.56	1.10	1.10	
18	0.00	1.00	0.76	0.76	1.86	1.86	
25	0.50	0.71	8.65	8.64	10.51	10.50	
35	1.00	0.50	6.55	6.54	17.06	17.04	
45	1.50	0.35	42.09	42.05	59.15	59.09	
60	2.00	0.25	25.21	25.18	84.36	84.27	
80	2.50	0.18	12.59	12.58	96.95	96.85	
120	3.00	0.13	2.97	2.97	99.92	99.82	
170	3.50	0.09	0.17	0.17	100.09	99.99	
200	3.75	0.07	0.00	0.00	100.09	99.99	
230	4.00	0.06	0.01	0.01	100.10	100.00	
<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>	
2.43	1.99	1.82	1.39	1.09	0.92	0.18	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	1.39	0.38	0.66	-0.84	6.15		

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Project Name: Gulf County Supplemental				715-E North Dr. Melbourne, Fl. 32934 Phone (321) 751-1135 Fax (321) 751-2343			
Sample Name: C-303 #2							
Analysis Date: 08-08-06							
Analyzed By: JV							
Easting (ft): <b>1,677,436.1</b>		Northing (ft): <b>257,349.3</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-37.8 NAVD 88</b>	
USCS: <b>SW</b>		Munsell: <b>Wet - 10YR-8/2</b>		Comments:			
Dry Weight (g): <b>101.57</b>	Wash Weight (g):	Pan Retained (g): <b>0.03</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.06</b> <b>#230 - 0.03</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	0.17	0.17	0.17	0.17	
3.5	-2.50	5.66	0.36	0.35	0.53	0.52	
4	-2.25	4.76	0.26	0.26	0.79	0.78	
5	-2.00	4.00	0.33	0.32	1.12	1.10	
7	-1.50	2.83	0.88	0.87	2.00	1.97	
10	-1.00	2.00	1.24	1.22	3.24	3.19	
14	-0.50	1.41	1.72	1.69	4.96	4.88	
18	0.00	1.00	1.52	1.50	6.48	6.38	
25	0.50	0.71	1.71	1.68	8.19	8.06	
35	1.00	0.50	2.85	2.81	11.04	10.87	
45	1.50	0.35	8.79	8.65	19.83	19.52	
60	2.00	0.25	33.24	32.73	53.07	52.25	
80	2.50	0.18	32.98	32.47	86.05	84.72	
120	3.00	0.13	14.33	14.11	100.38	98.83	
170	3.50	0.09	1.08	1.06	101.46	99.89	
200	3.75	0.07	0.05	0.05	101.51	99.94	
230	4.00	0.06	0.03	0.03	101.54	99.97	
<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>	
2.86	2.49	2.35	1.97	1.58	1.30	-0.46	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	1.79	0.29	0.96	-2.21	9.15		