



<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-512 #1							
Analysis Date: 08-15-06							
Analyzed By: JV							
Easting (ft): <b>1,681,723.68</b>		Northing (ft): <b>247,841.63</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-32.7 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR-8/1</b>		Comments:			
Dry Weight (g): <b>99.63</b>	Wash Weight (g):	Pan Retained (g): <b>0.24</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.36</b> <b>#230 - 0.25</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	0.00	0.00	0.00	0.00	
10	-1.00	2.00	0.12	0.12	0.12	0.12	
14	-0.50	1.41	0.23	0.23	0.35	0.35	
18	0.00	1.00	0.45	0.45	0.80	0.80	
25	0.50	0.71	0.59	0.59	1.39	1.39	
35	1.00	0.50	1.04	1.04	2.43	2.43	
45	1.50	0.35	2.21	2.22	4.64	4.65	
60	2.00	0.25	4.83	4.85	9.47	9.50	
80	2.50	0.18	43.58	43.74	53.05	53.24	
120	3.00	0.13	39.83	39.98	92.88	93.22	
170	3.50	0.09	5.93	5.95	98.81	99.17	
200	3.75	0.07	0.47	0.47	99.28	99.64	
230	4.00	0.06	0.11	0.11	99.39	99.75	
<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>	
3.15	2.88	2.77	2.46	2.18	2.07	1.54	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.42	0.19	0.54	-2.09	12.05		

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Project Name: Gulf County Supplemental							
Sample Name: C-512 #2							
Analysis Date: 08-15-06							
Analyzed By: JV							
Easting (ft): <b>1,681,723.68</b>		Northing (ft): <b>247,841.63</b>		Coordinate System: <b>Florida State Plane North</b>		Elevation (ft): <b>-35.4 NAVD 88</b>	
USCS: <b>SP</b>		Munsell: <b>Wet - 10YR-8/1</b>		Comments:			
Dry Weight (g): <b>99.91</b>	Wash Weight (g):	Pan Retained (g): <b>0.05</b>	Sieve Loss (%):	Fines (%): <b>#200 - 0.12</b> <b>#230 - 0.07</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	0.21	0.21	0.21	0.21	
4	-2.25	4.76	0.09	0.09	0.30	0.30	
5	-2.00	4.00	0.00	0.00	0.30	0.30	
7	-1.50	2.83	0.21	0.21	0.51	0.51	
10	-1.00	2.00	0.25	0.25	0.76	0.76	
14	-0.50	1.41	0.52	0.52	1.28	1.28	
18	0.00	1.00	0.59	0.59	1.87	1.87	
25	0.50	0.71	0.64	0.64	2.51	2.51	
35	1.00	0.50	1.18	1.18	3.69	3.69	
45	1.50	0.35	3.45	3.45	7.14	7.14	
60	2.00	0.25	9.93	9.94	17.07	17.08	
80	2.50	0.18	34.84	34.87	51.91	51.95	
120	3.00	0.13	44.13	44.17	96.04	96.12	
170	3.50	0.09	3.66	3.66	99.70	99.78	
200	3.75	0.07	0.10	0.10	99.80	99.88	
230	4.00	0.06	0.05	0.05	99.85	99.93	
<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>	
2.99	2.86	2.76	2.47	2.11	1.95	1.19	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	2.33	0.20	0.69	-3.01	17.17		