



Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 1333 Gateway Dr., Suite 1004 Melbourne, FL 32901 Phone (321) 751-1135 Fax (321) 751-2343			
Project Name: Charlotte Co							
Sample Name: CH-12-VC-11 #1							
Analysis Date: 03-01-13							
Analyzed By: MB							
Easting (ft): <div style="text-align: center;">529,467.5</div>		Northing (ft): <div style="text-align: center;">907,473</div>		Coordinate System: <div style="text-align: center;">Florida State Plane West</div>		Elevation (ft): <div style="text-align: center;">-38.1 NAVD 88</div>	
USCS: <div style="text-align: center;">SW</div>		Munsell: Wet - 5Y-6/1 Dry - 5Y-6/1		Comments:			
Dry Weight (g): <div style="text-align: center;">183.13</div>	Wash Weight (g): <div style="text-align: center;">183.13</div>	Pan Retained (g): <div style="text-align: center;">0.43</div>	Sieve Loss (%): <div style="text-align: center;">0.05</div>	Fines (%): #200 - 0.28 #230 - 0.27	Organics (%): <div style="text-align: center;">1.65</div>	Carbonates (%): <div style="text-align: center;">56.93</div>	Shells (%):
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	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.51	0.28	0.51	0.28	
3.5	-2.50	5.66	2.72	1.49	3.23	1.77	
4	-2.25	4.76	1.66	0.91	4.89	2.68	
5	-2.00	4.00	1.68	0.92	6.57	3.60	
7	-1.50	2.83	6.41	3.50	12.98	7.10	
10	-1.00	2.00	8.81	4.81	21.79	11.91	
14	-0.50	1.41	21.69	11.84	43.48	23.75	
18	0.00	1.00	27.45	14.99	70.93	38.74	
25	0.50	0.71	25.99	14.19	96.92	52.93	
35	1.00	0.50	26.46	14.45	123.38	67.38	
45	1.50	0.35	31.91	17.42	155.29	84.80	
60	2.00	0.25	15.88	8.67	171.17	93.47	
80	2.50	0.18	7.95	4.34	179.12	97.81	
120	3.00	0.13	2.52	1.38	181.64	99.19	
170	3.50	0.09	0.80	0.44	182.44	99.63	
200	3.75	0.07	0.16	0.09	182.60	99.72	
230	4.00	0.06	0.01	0.01	182.61	99.73	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.18	1.48	1.22	0.40	-0.46	-0.83	-1.80	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.33	0.80	1.18	-0.31	2.93		

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Project Name: Charlotte Co							
Sample Name: CH-12-VC-11 #2							
Analysis Date: 03-01-13							
Analyzed By: MB							
Easting (ft): <div style="text-align: center;">529,467.5</div>		Northing (ft): <div style="text-align: center;">907,473</div>		Coordinate System: <div style="text-align: center;">Florida State Plane West</div>		Elevation (ft): <div style="text-align: center;">-41.1 NAVD 88</div>	
USCS: <div style="text-align: center;">SM</div>		Munsell: Wet - 5Y-6/1 Dry - 5Y-7/1		Comments:			
Dry Weight (g): <div style="text-align: center;">145.83</div>	Wash Weight (g): <div style="text-align: center;">127.16</div>	Pan Retained (g): <div style="text-align: center;">1.40</div>	Sieve Loss (%): <div style="text-align: center;">0.00</div>	Fines (%): #200 - 15.37 #230 - 13.73	Organics (%): <div style="text-align: center;">1.91</div>	Carbonates (%): <div style="text-align: center;">41.48</div>	Shells (%):
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	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	1.02	0.70	1.02	0.70	
3.5	-2.50	5.66	0.65	0.45	1.67	1.15	
4	-2.25	4.76	0.69	0.47	2.36	1.62	
5	-2.00	4.00	0.87	0.60	3.23	2.22	
7	-1.50	2.83	3.05	2.09	6.28	4.31	
10	-1.00	2.00	3.77	2.59	10.05	6.90	
14	-0.50	1.41	7.17	4.92	17.22	11.82	
18	0.00	1.00	10.00	6.86	27.22	18.68	
25	0.50	0.71	11.37	7.80	38.59	26.48	
35	1.00	0.50	12.01	8.24	50.60	34.72	
45	1.50	0.35	12.20	8.37	62.80	43.09	
60	2.00	0.25	9.61	6.59	72.41	49.68	
80	2.50	0.18	11.33	7.77	83.74	57.45	
120	3.00	0.13	15.12	10.37	98.86	67.82	
170	3.50	0.09	19.39	13.30	118.25	81.12	
200	3.75	0.07	5.12	3.51	123.37	84.63	
230	4.00	0.06	2.39	1.64	125.76	86.27	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.71	3.27	2.02	0.41	-0.20	-1.37	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.39	0.38	1.63	-0.48	2.44		