



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-3 #1							
Analysis Date: 02-10-13							
Analyzed By: MB							
Easting (ft): <div style="text-align: center;">526,867.8</div>		Northing (ft): <div style="text-align: center;">920,876.3</div>		Coordinate System: <div style="text-align: center;">Florida State Plane West</div>		Elevation (ft): <div style="text-align: center;">-35.3 NAVD 88</div>	
USCS: <div style="text-align: center;">SW</div>		Munsell: <div style="text-align: center;">Wet - 5Y-6/1 Dry - 2.5Y-7/1</div>		Comments:			
Dry Weight (g): <div style="text-align: center;">164.97</div>	Wash Weight (g): <div style="text-align: center;">164.97</div>	Pan Retained (g): <div style="text-align: center;">0.62</div>	Sieve Loss (%): <div style="text-align: center;">0.00</div>	Fines (%): #200 - 0.53 #230 - 0.38	Organics (%): <div style="text-align: center;">0.86</div>	Carbonates (%): <div style="text-align: center;">24.22</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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.41	0.25	0.41	0.25	
4	-2.25	4.76	0.09	0.05	0.50	0.30	
5	-2.00	4.00	0.46	0.28	0.96	0.58	
7	-1.50	2.83	1.70	1.03	2.66	1.61	
10	-1.00	2.00	2.92	1.77	5.58	3.38	
14	-0.50	1.41	4.54	2.75	10.12	6.13	
18	0.00	1.00	5.54	3.36	15.66	9.49	
25	0.50	0.71	6.57	3.98	22.23	13.47	
35	1.00	0.50	9.55	5.79	31.78	19.26	
45	1.50	0.35	25.27	15.32	57.05	34.58	
60	2.00	0.25	48.10	29.16	105.15	63.74	
80	2.50	0.18	41.07	24.90	146.22	88.64	
120	3.00	0.13	15.36	9.31	161.58	97.95	
170	3.50	0.09	2.15	1.30	163.73	99.25	
200	3.75	0.07	0.37	0.22	164.10	99.47	
230	4.00	0.06	0.25	0.15	164.35	99.62	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.84	2.41	2.23	1.76	1.19	0.72	-0.71	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.55	0.34	1.02	-1.35	5.09		

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Project Name: Charlotte Co							
Sample Name: CH-12-VC-3 #2							
Analysis Date: 02-10-13							
Analyzed By: MB							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
526,867.8		920,876.3		Florida State Plane West		-37.3 NAVD 88	
USCS:		Munsell:		Comments:			
SW-SM		Wet - 5Y-5/1 Dry - 2.5Y-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
149.42	133.37	0.40	0.19	#200 - 11.69 #230 - 11.20	1.97	35.64	
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	1.54	1.03	1.54	1.03	
5/16"	-3.00	8.00	2.78	1.86	4.32	2.89	
3.5	-2.50	5.66	3.52	2.36	7.84	5.25	
4	-2.25	4.76	0.93	0.62	8.77	5.87	
5	-2.00	4.00	1.07	0.72	9.84	6.59	
7	-1.50	2.83	3.11	2.08	12.95	8.67	
10	-1.00	2.00	4.49	3.00	17.44	11.67	
14	-0.50	1.41	6.57	4.40	24.01	16.07	
18	0.00	1.00	6.60	4.42	30.61	20.49	
25	0.50	0.71	7.72	5.17	38.33	25.66	
35	1.00	0.50	10.92	7.31	49.25	32.97	
45	1.50	0.35	14.59	9.76	63.84	42.73	
60	2.00	0.25	15.56	10.41	79.40	53.14	
80	2.50	0.18	20.50	13.72	99.90	66.86	
120	3.00	0.13	22.05	14.76	121.95	81.62	
170	3.50	0.09	8.50	5.69	130.45	87.31	
200	3.75	0.07	1.50	1.00	131.95	88.31	
230	4.00	0.06	0.73	0.49	132.68	88.80	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.21	2.78	1.85	0.44	-0.51	-2.55	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.14	0.45	1.74	-0.95	3.2		