


Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, FL 32934 Phone (321) 751-1135 Fax (321) 751-2343			
Project Name: 2011 SLC Geotech Investigation							
Sample Name: SLC-11-B46A #1							
Analysis Date:							
Analyzed By: JB							
Easting (ft): 934,178		Northing (ft): 1,091,570		Coordinate System: Florida State Plane East		Elevation (ft): -55.4 NAVD 88	
USCS: SW		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-6/1		Comments:			
Dry Weight (g): 144.52	Wash Weight (g): 144.52	Pan Retained (g): 0.95	Sieve Loss (%): 0.00	Fines (%): #200 - 1.08 #230 - 0.66	Organics (%): 2.10	Carbonates (%): 74.30	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	0.20	0.14	0.20	0.14	
4	-2.25	4.76	0.05	0.03	0.25	0.17	
5	-2.00	4.00	0.15	0.10	0.40	0.27	
7	-1.50	2.83	0.68	0.47	1.08	0.74	
10	-1.00	2.00	1.06	0.73	2.14	1.47	
14	-0.50	1.41	2.27	1.57	4.41	3.04	
18	0.00	1.00	3.22	2.23	7.63	5.27	
25	0.50	0.71	4.69	3.25	12.32	8.52	
35	1.00	0.50	7.95	5.50	20.27	14.02	
45	1.50	0.35	12.83	8.88	33.10	22.90	
60	2.00	0.25	26.60	18.41	59.70	41.31	
80	2.50	0.18	43.46	30.07	103.16	71.38	
120	3.00	0.13	31.67	21.91	134.83	93.29	
170	3.50	0.09	6.86	4.75	141.69	98.04	
200	3.75	0.07	1.27	0.88	142.96	98.92	
230	4.00	0.06	0.61	0.42	143.57	99.34	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.18	2.79	2.58	2.14	1.56	1.11	-0.06	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.94	0.26	0.97	-1.36	5.52		