
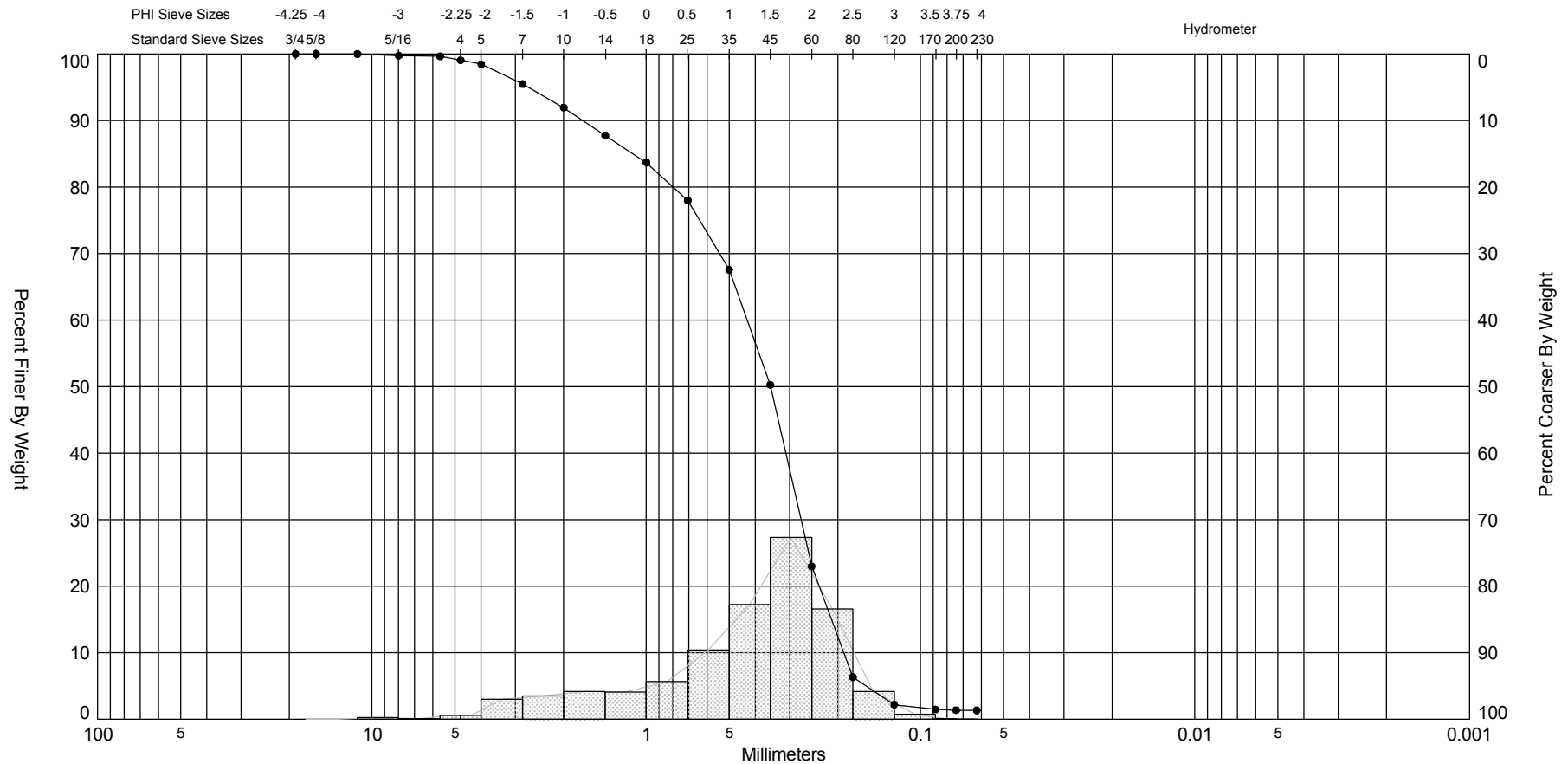



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-93 TOP OF DUNE							
Analysis Date: 06-23-06							
Analyzed By: DA							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		9.2 NAVD 88	
USCS:		Munsell: Wet - 10YR-5/2 Dry - 10YR-6/2 Washed - 10YR-6/2		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 1.37 #230 - 1.33	Organics (%):	Carbonates (%):	Shell Hash (%):
108.81	107.49	0.03	0.10				4
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	
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.25	0.23	0.25	0.23	
3.5	-2.50	5.66	0.13	0.12	0.38	0.35	
4	-2.25	4.76	0.63	0.58	1.01	0.93	
5	-2.00	4.00	0.66	0.61	1.67	1.54	
7	-1.50	2.83	3.25	2.99	4.92	4.53	
10	-1.00	2.00	3.83	3.52	8.75	8.05	
14	-0.50	1.41	4.54	4.17	13.29	12.22	
18	0.00	1.00	4.45	4.09	17.74	16.31	
25	0.50	0.71	6.20	5.70	23.94	22.01	
35	1.00	0.50	11.35	10.43	35.29	32.44	
45	1.50	0.35	18.81	17.29	54.10	49.73	
60	2.00	0.25	29.72	27.31	83.82	77.04	
80	2.50	0.18	18.08	16.62	101.90	93.66	
120	3.00	0.13	4.50	4.14	106.40	97.80	
170	3.50	0.09	0.81	0.74	107.21	98.54	
200	3.75	0.07	0.10	0.09	107.31	98.63	
230	4.00	0.06	0.04	0.04	107.35	98.67	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.66	2.21	1.96	1.50	0.64	-0.04	-1.43	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.14	0.45	1.19	-1.1	3.78		



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
R-93 TOP OF DUNE	—●—	9.2	SW	#200 - 1.37 #230 - 1.33			1.5	1.14	-1.1	3.78	1.19	Project Name:	St. Lucie Beach Samples
Comments:												Analysis Date:	06-23-06
Depths and elevations based on measured values												Analyzed By:	DA
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	
												Northing (Y, ft):	
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88