
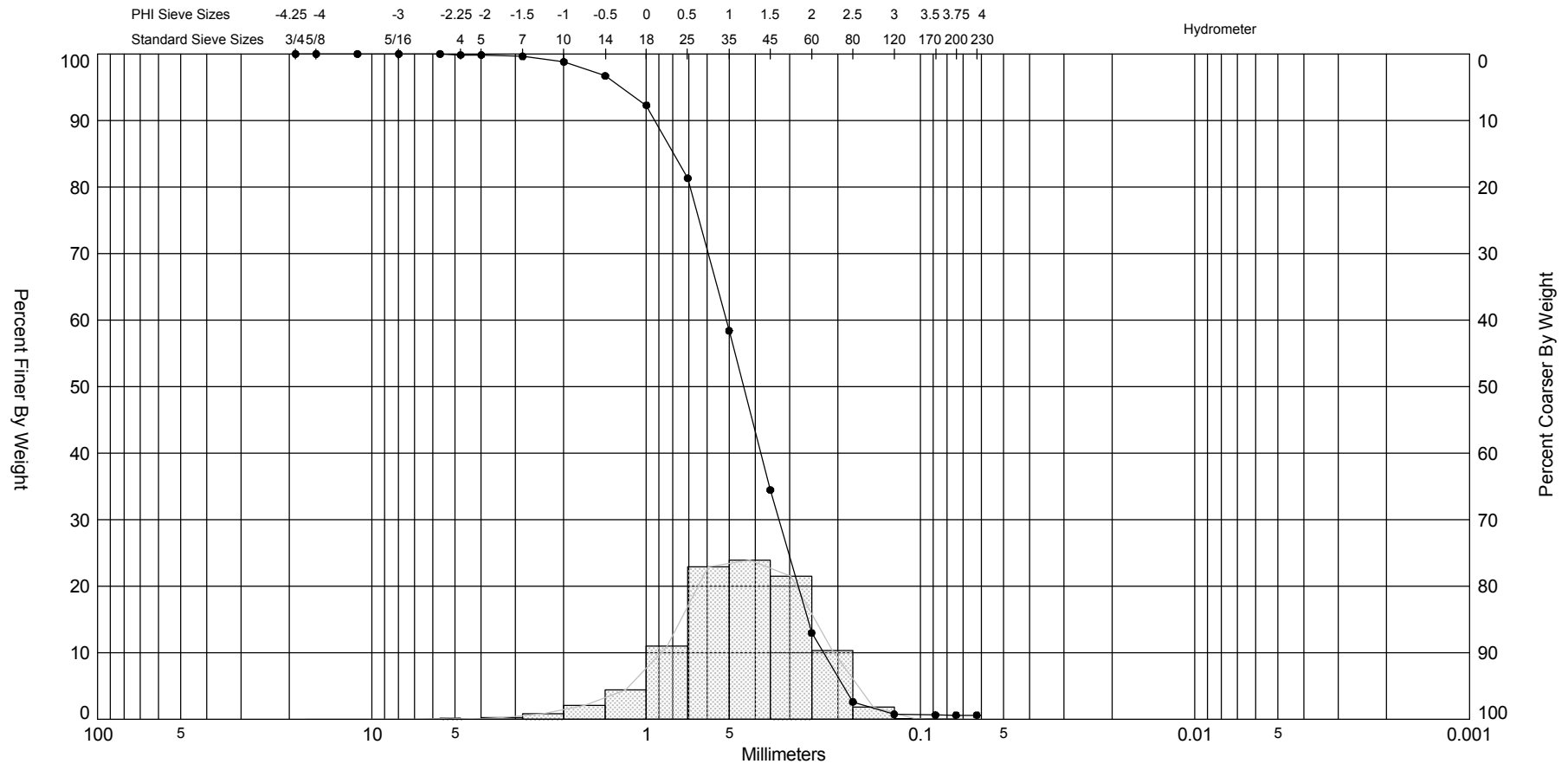



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-93 MEAN HIGH WATER							
Analysis Date: 06-22-06							
Analyzed By: RS							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		0.1 NAVD 88	
USCS:		Munsell:		Comments:			
SP		Wet - 2.5Y-6/3 Dry - 2.5Y-6/1 Washed - 2.5Y-6/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
111.81	111.26	0.00	0.13	#200 - 0.62 #230 - 0.62			0
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	0.00	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	0.17	0.15	0.17	0.15	
5	-2.00	4.00	0.00	0.00	0.17	0.15	
7	-1.50	2.83	0.24	0.21	0.41	0.36	
10	-1.00	2.00	0.93	0.83	1.34	1.19	
14	-0.50	1.41	2.35	2.10	3.69	3.29	
18	0.00	1.00	4.94	4.42	8.63	7.71	
25	0.50	0.71	12.26	10.97	20.89	18.68	
35	1.00	0.50	25.64	22.93	46.53	41.61	
45	1.50	0.35	26.76	23.93	73.29	65.54	
60	2.00	0.25	24.04	21.50	97.33	87.04	
80	2.50	0.18	11.57	10.35	108.90	97.39	
120	3.00	0.13	2.08	1.86	110.98	99.25	
170	3.50	0.09	0.13	0.12	111.11	99.37	
200	3.75	0.07	0.01	0.01	111.12	99.38	
230	4.00	0.06	0.00	0.00	111.12	99.38	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.38	1.93	1.72	1.18	0.64	0.38	-0.31	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.13	0.46	0.8	-0.55	3.7		



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
93 MEAN HIGH WATER	—●—	0.1	SP	#200 - 0.62 #230 - 0.62			1.18	1.13	-0.55	3.7	0.8	Project Name:	St. Lucie Beach Samples
Comments:												Analysis Date:	06-22-06
Depths and elevations based on measured values												Analyzed By:	RS
							Coastal Planning & Engineering					Easting (X, ft):	
							2481 NW Boca Raton Blvd, Boca Raton					Northing (Y, ft):	
							FL 33431					Horizontal System:	NAD 1983
							ph (561) 391-8102 fax (561) 391-9116					Vertical System:	NAVD 88