
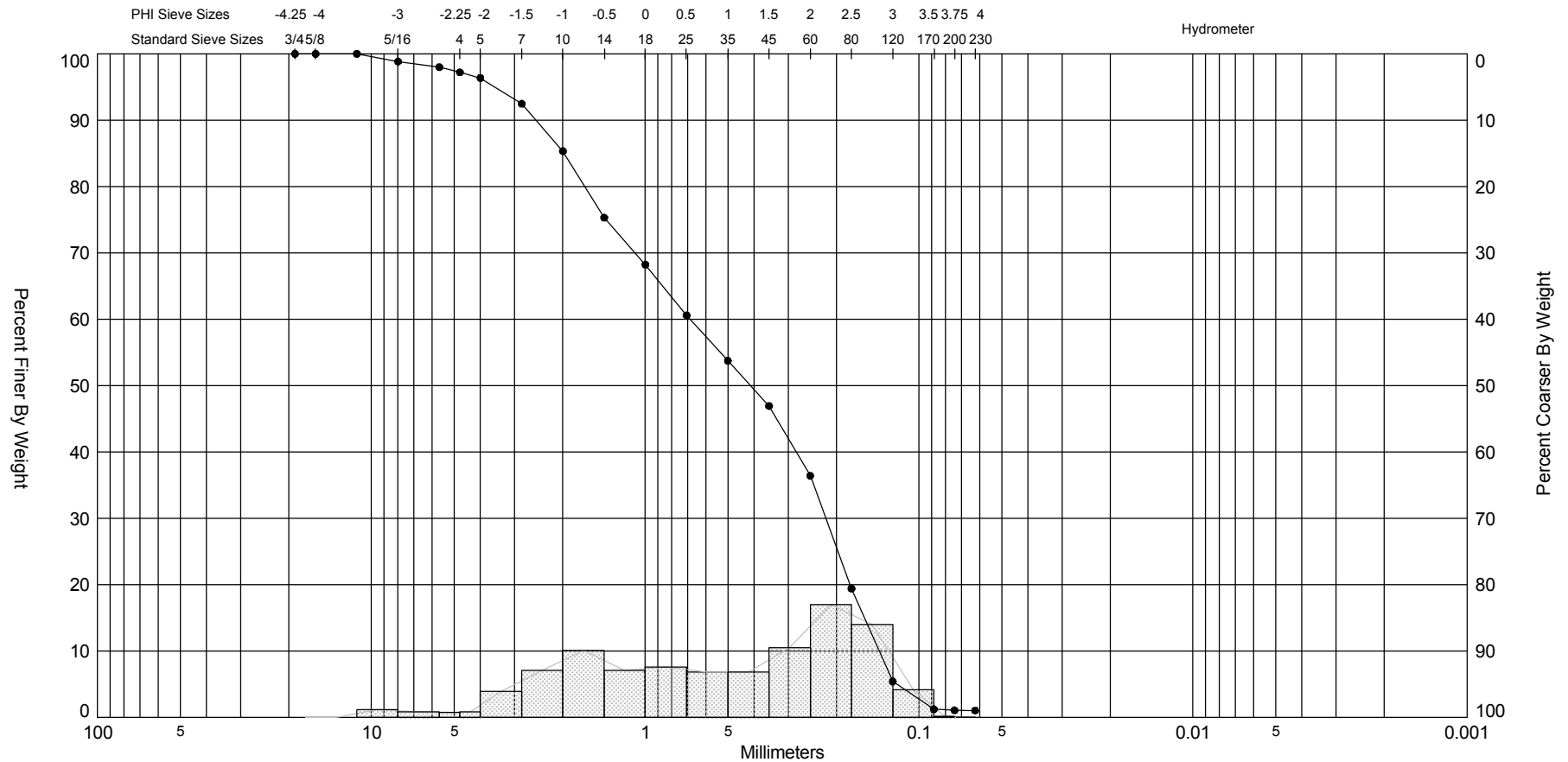



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-96 MEAN LOW WATER							
Analysis Date: 06-22-06							
Analyzed By: RS							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		-2.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 2.5Y-5/3 Dry - 2.5Y-6/2 Washed - 2.5Y-6/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
140.38	139.03	0.00	0.09	#200 - 1.06 #230 - 1.04			7
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	1.61	1.15	1.61	1.15	
3.5	-2.50	5.66	1.21	0.86	2.82	2.01	
4	-2.25	4.76	1.10	0.78	3.92	2.79	
5	-2.00	4.00	1.20	0.85	5.12	3.64	
7	-1.50	2.83	5.46	3.89	10.58	7.53	
10	-1.00	2.00	9.99	7.12	20.57	14.65	
14	-0.50	1.41	14.11	10.05	34.68	24.70	
18	0.00	1.00	9.94	7.08	44.62	31.78	
25	0.50	0.71	10.69	7.62	55.31	39.40	
35	1.00	0.50	9.61	6.85	64.92	46.25	
45	1.50	0.35	9.57	6.82	74.49	53.07	
60	2.00	0.25	14.78	10.53	89.27	63.60	
80	2.50	0.18	23.83	16.98	113.10	80.58	
120	3.00	0.13	19.65	14.00	132.75	94.58	
170	3.50	0.09	5.90	4.20	138.65	98.78	
200	3.75	0.07	0.23	0.16	138.88	98.94	
230	4.00	0.06	0.03	0.02	138.91	98.96	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.05	2.62	2.34	1.27	-0.48	-0.93	-1.83	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.91	0.53	1.62	-0.45	2.14		



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	
96 MEAN LOW WATER	—●—	-2.4	SW	#200 - 1.06 #230 - 1.04			1.27	0.91	-0.45	2.14	1.62	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 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