
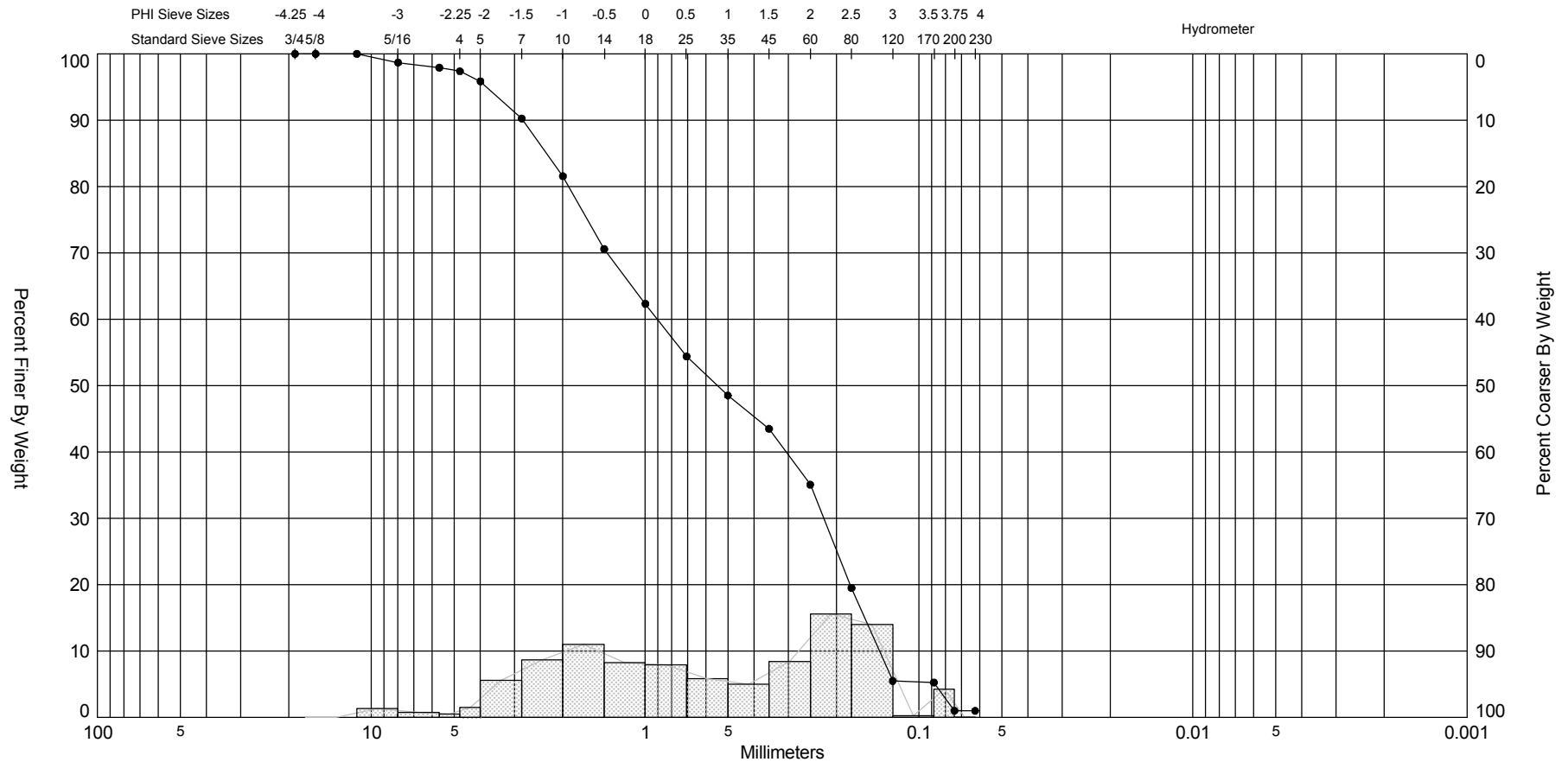



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-96 MEAN TIDE LEVEL							
Analysis Date: 06-22-06							
Analyzed By: RS							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		-1.2 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 (%):
151.11	149.75	0.01	0.07	#200 - 1.00 #230 - 0.98			9
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	1.98	1.31	1.98	1.31	
3.5	-2.50	5.66	1.17	0.77	3.15	2.08	
4	-2.25	4.76	0.82	0.54	3.97	2.62	
5	-2.00	4.00	2.30	1.52	6.27	4.14	
7	-1.50	2.83	8.46	5.60	14.73	9.74	
10	-1.00	2.00	13.14	8.70	27.87	18.44	
14	-0.50	1.41	16.58	10.97	44.45	29.41	
18	0.00	1.00	12.46	8.25	56.91	37.66	
25	0.50	0.71	12.01	7.95	68.92	45.61	
35	1.00	0.50	8.87	5.87	77.79	51.48	
45	1.50	0.35	7.60	5.03	85.39	56.51	
60	2.00	0.25	12.74	8.43	98.13	64.94	
80	2.50	0.18	23.51	15.56	121.64	80.50	
120	3.00	0.13	21.17	14.01	142.81	94.51	
170	3.50	0.09	0.35	0.23	143.16	94.74	
200	3.75	0.07	6.44	4.26	149.60	99.00	
230	4.00	0.06	0.03	0.02	149.63	99.02	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.52	2.62	2.32	0.87	-0.70	-1.14	-1.92	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.76	0.59	1.71	-0.21	1.93		



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	
R-96 MEAN TIDE LEVEL	—●—	-1.2	SW	#200 - 1.00 #230 - 0.98			0.87	0.76	-0.21	1.93	1.71	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