
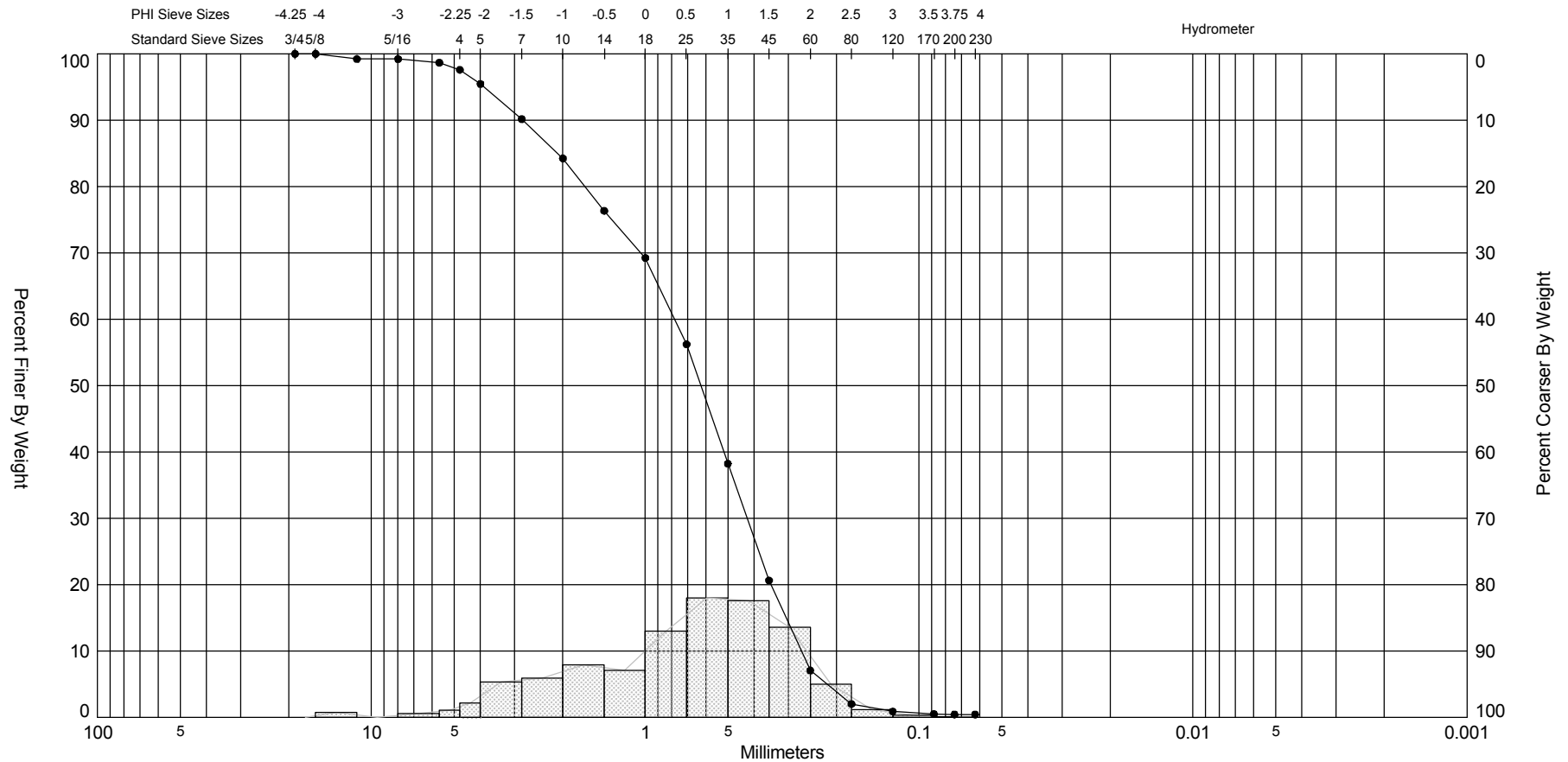



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-96 MID BERM							
Analysis Date: 06-22-06							
Analyzed By: DA							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		8.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 2.5Y-6/3 Dry - 2.5Y-7/2 Washed - 2.5Y-7/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
124.09	123.67	0.01	0.10	#200 - 0.45 #230 - 0.44			
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	0.97	0.78	0.97	0.78	
5/16"	-3.00	8.00	0.00	0.00	0.97	0.78	
3.5	-2.50	5.66	0.69	0.56	1.66	1.34	
4	-2.25	4.76	1.32	1.06	2.98	2.40	
5	-2.00	4.00	2.65	2.14	5.63	4.54	
7	-1.50	2.83	6.58	5.30	12.21	9.84	
10	-1.00	2.00	7.35	5.92	19.56	15.76	
14	-0.50	1.41	9.79	7.89	29.35	23.65	
18	0.00	1.00	8.83	7.12	38.18	30.77	
25	0.50	0.71	16.15	13.01	54.33	43.78	
35	1.00	0.50	22.33	18.00	76.66	61.78	
45	1.50	0.35	21.83	17.59	98.49	79.37	
60	2.00	0.25	16.85	13.58	115.34	92.95	
80	2.50	0.18	6.24	5.03	121.58	97.98	
120	3.00	0.13	1.41	1.14	122.99	99.12	
170	3.50	0.09	0.46	0.37	123.45	99.49	
200	3.75	0.07	0.08	0.06	123.53	99.55	
230	4.00	0.06	0.01	0.01	123.54	99.56	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.20	1.67	1.38	0.67	-0.41	-0.98	-1.96	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.43	0.74	1.28	-0.65	3.05		



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 MID BERM	—●—	8.0	SW	#200 - 0.45 #230 - 0.44			0.67	0.43	-0.65	3.05	1.28	Project Name:	St. Lucie Beach Samples
Comments:												Analysis Date:	06-22-06
Depths and elevations based on measured values												Analyzed By:	DA
						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