
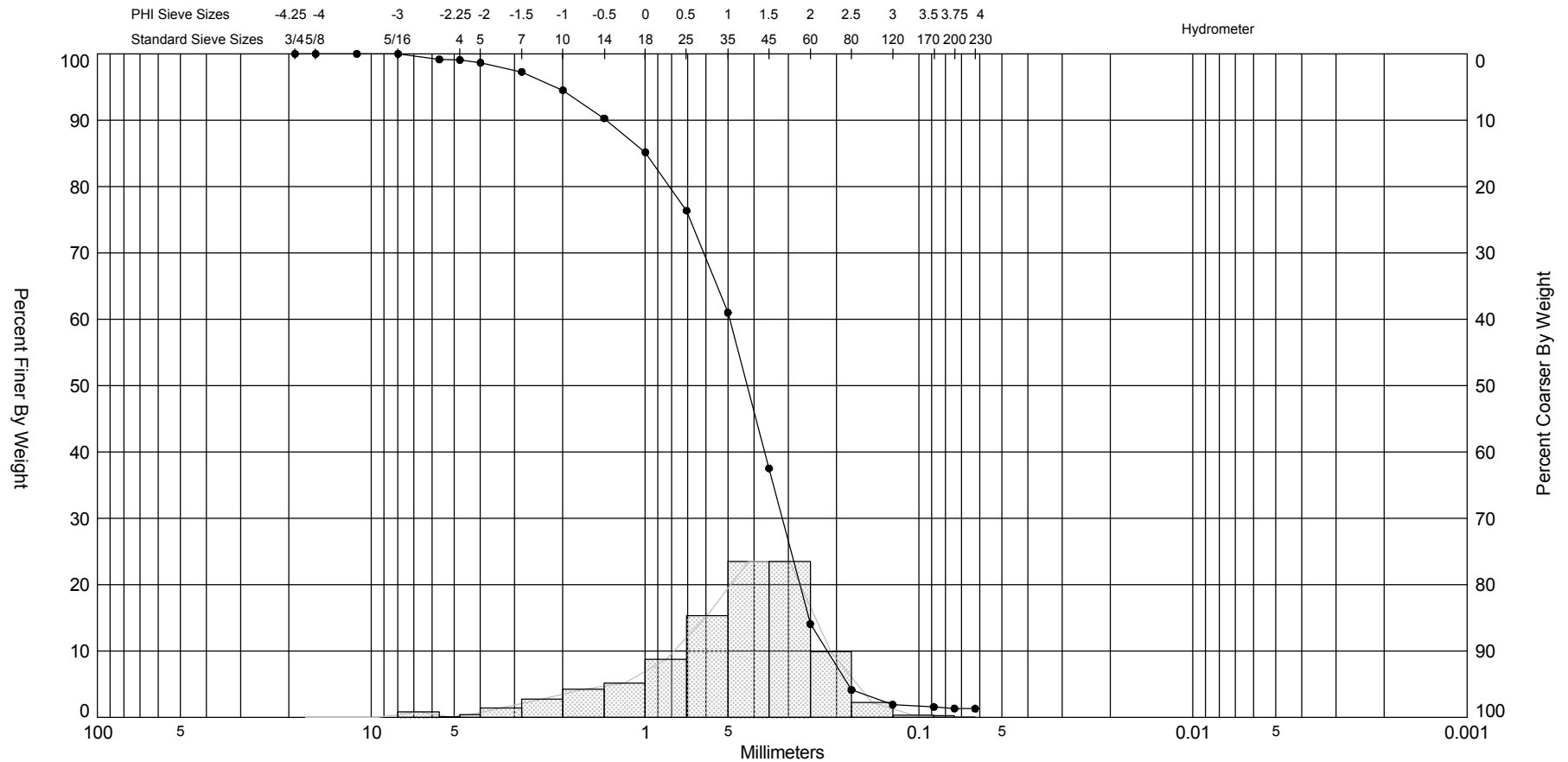



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Beach Samples							
Sample Name: R-96 TOP OF DUNE							
Analysis Date: 06-22-06							
Analyzed By: RS							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
				Florida State Plane East		10.5 NAVD 88	
USCS:		Munsell: Wet - 10YR-4/2 Dry - 10YR-5/2 Washed - 10YR-6/3		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 1.33 #230 - 1.30	Organics (%):	Carbonates (%):	Shell Hash (%):
120.41	119.02	0.07	0.08				2
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	1.00	0.83	1.00	0.83	
4	-2.25	4.76	0.11	0.09	1.11	0.92	
5	-2.00	4.00	0.50	0.42	1.61	1.34	
7	-1.50	2.83	1.66	1.38	3.27	2.72	
10	-1.00	2.00	3.32	2.76	6.59	5.48	
14	-0.50	1.41	5.09	4.23	11.68	9.71	
18	0.00	1.00	6.18	5.13	17.86	14.84	
25	0.50	0.71	10.58	8.79	28.44	23.63	
35	1.00	0.50	18.51	15.37	46.95	39.00	
45	1.50	0.35	28.26	23.47	75.21	62.47	
60	2.00	0.25	28.26	23.47	103.47	85.94	
80	2.50	0.18	11.95	9.92	115.42	95.86	
120	3.00	0.13	2.69	2.23	118.11	98.09	
170	3.50	0.09	0.41	0.34	118.52	98.43	
200	3.75	0.07	0.29	0.24	118.81	98.67	
230	4.00	0.06	0.04	0.03	118.85	98.70	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.46	1.96	1.77	1.23	0.54	0.07	-1.09	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.02	0.49	1.05	-1	4.23		



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 TOP OF DUNE	—●—	10.5	SW	#200 - 1.33 #230 - 1.30			1.23	1.02	-1	4.23	1.05	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