
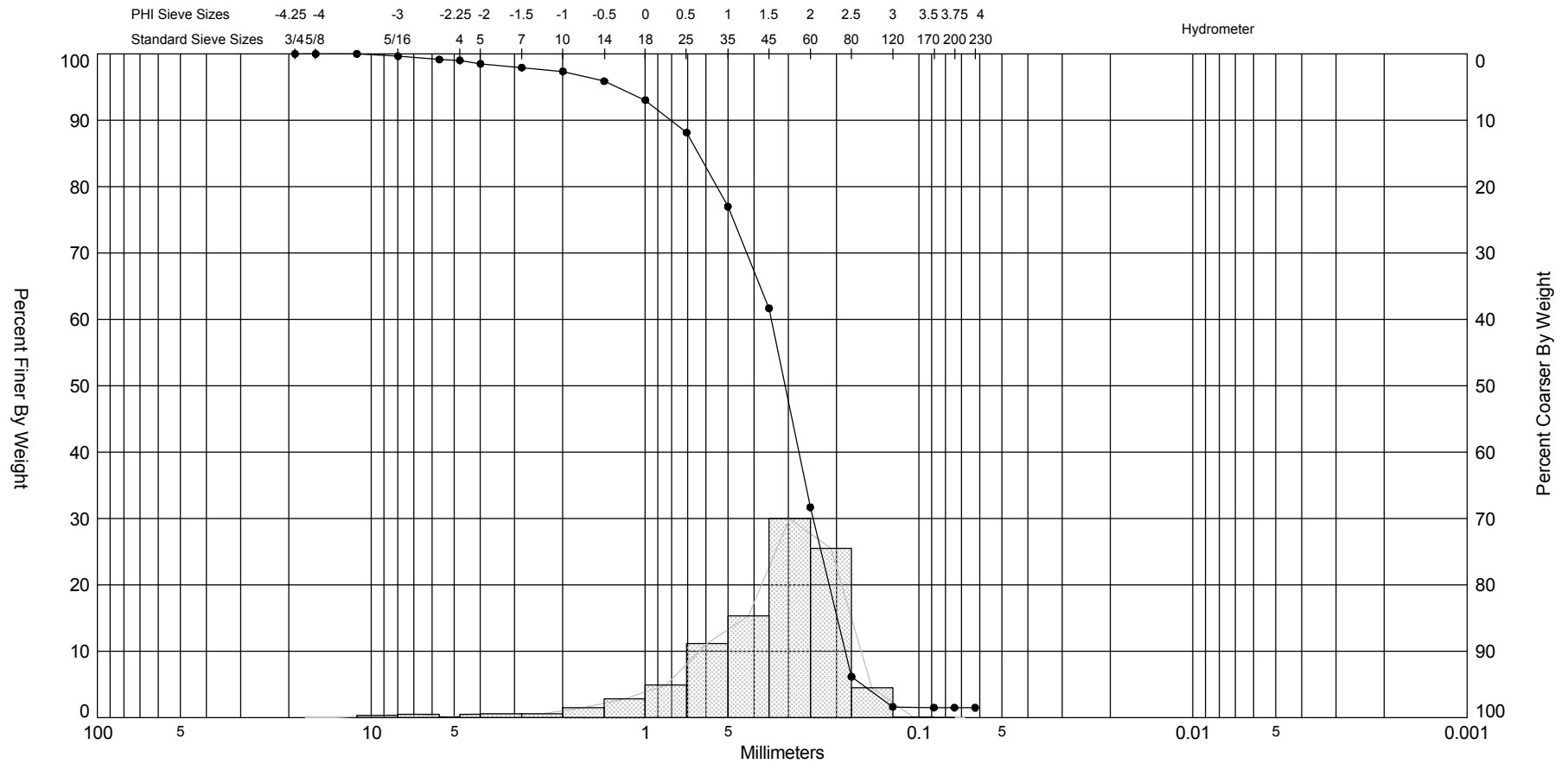



Granularmetric Report Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Central Boca Beach Monitoring							
Sample Name: R-221 @ -3.0							
Analysis Date: 06-29-05							
Analyzed By: DB							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
960,814		731,017		Florida State Plane East		-3.0 NAVD 88	
USCS:		Munsell:		Comments:			
SP							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
138.71	136.76	0.00	0.11	#200 - 1.51 #230 - 1.51			34
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	0.48	0.35	0.48	0.35	
3.5	-2.50	5.66	0.70	0.50	1.18	0.85	
4	-2.25	4.76	0.16	0.12	1.34	0.97	
5	-2.00	4.00	0.72	0.52	2.06	1.49	
7	-1.50	2.83	0.80	0.58	2.86	2.06	
10	-1.00	2.00	0.80	0.58	3.66	2.64	
14	-0.50	1.41	2.06	1.49	5.72	4.12	
18	0.00	1.00	3.93	2.83	9.65	6.96	
25	0.50	0.71	6.79	4.90	16.44	11.85	
35	1.00	0.50	15.49	11.17	31.93	23.02	
45	1.50	0.35	21.25	15.32	53.18	38.34	
60	2.00	0.25	41.56	29.96	94.74	68.30	
80	2.50	0.18	35.43	25.54	130.17	93.84	
120	3.00	0.13	6.29	4.53	136.46	98.38	
170	3.50	0.09	0.14	0.10	136.60	98.48	
200	3.75	0.07	0.01	0.01	136.61	98.49	
230	4.00	0.06	0.00	0.00	136.61	98.49	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.63	2.31	2.13	1.69	1.06	0.69	-0.35	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.46	0.36	0.96	-1.78	7.57		



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-221 @ -3.0	—●—		SP	#200 - 1.51 #230 - 1.51			1.69	1.46	-1.78	7.57	0.96	Project Name:	Central Boca Beach Monitoring
Comments:												Analysis Date:	06-29-05
Depths and elevations based on measured values												Analyzed By:	DB
						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