
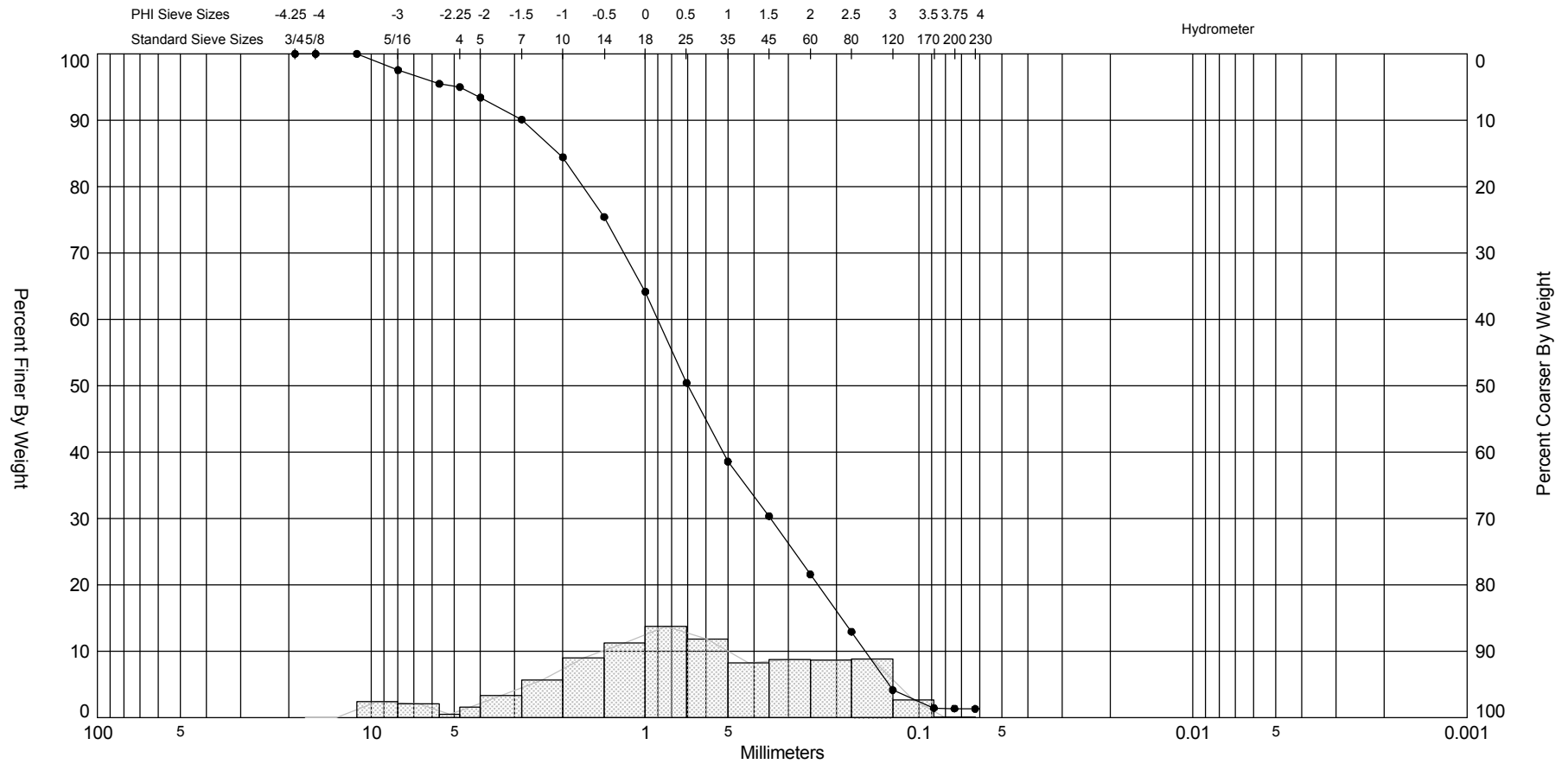



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-15 #5							
Analysis Date: 03-16-05							
Analyzed By: CPE							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
972,769		821,109		Florida State Plane East		-34.9 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y-5/3 Dry - 5Y-6/2 Washed - 5Y-7/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
84.81	83.78	0.00	0.08	#200 - 1.37 #230 - 1.32			4
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	
11/16	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16	-3.00	8.00	2.08	2.45	2.08	2.45	
3.5	-2.50	5.66	1.75	2.06	3.83	4.51	
4	-2.25	4.76	0.41	0.48	4.24	4.99	
5	-2.00	4.00	1.36	1.60	5.60	6.59	
7	-1.50	2.83	2.81	3.31	8.41	9.90	
10	-1.00	2.00	4.80	5.66	13.21	15.56	
14	-0.50	1.41	7.64	9.01	20.85	24.57	
18	0.00	1.00	9.56	11.27	30.41	35.84	
25	0.50	0.71	11.63	13.71	42.04	49.55	
35	1.00	0.50	10.06	11.86	52.10	61.41	
45	1.50	0.35	6.98	8.23	59.08	69.64	
60	2.00	0.25	7.45	8.78	66.53	78.42	
80	2.50	0.18	7.32	8.63	73.85	87.05	
120	3.00	0.13	7.46	8.80	81.31	95.85	
170	3.50	0.09	2.29	2.70	83.60	98.55	
200	3.75	0.07	0.07	0.08	83.67	98.63	
230	4.00	0.06	0.04	0.05	83.71	98.68	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.95	2.32	1.81	0.52	-0.48	-0.98	-2.25	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.51	0.70	1.55	-0.3	2.59		



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	
PBVC-05-15 #5	—●—	-34.9	SW	#200 - 1.37 #230 - 1.32			0.52	0.51	-0.3	2.59	1.55	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-16-05
Depths and elevations based on measured values												Analyzed By:	CPE
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,769
												Northing (Y, ft):	821,109
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88