
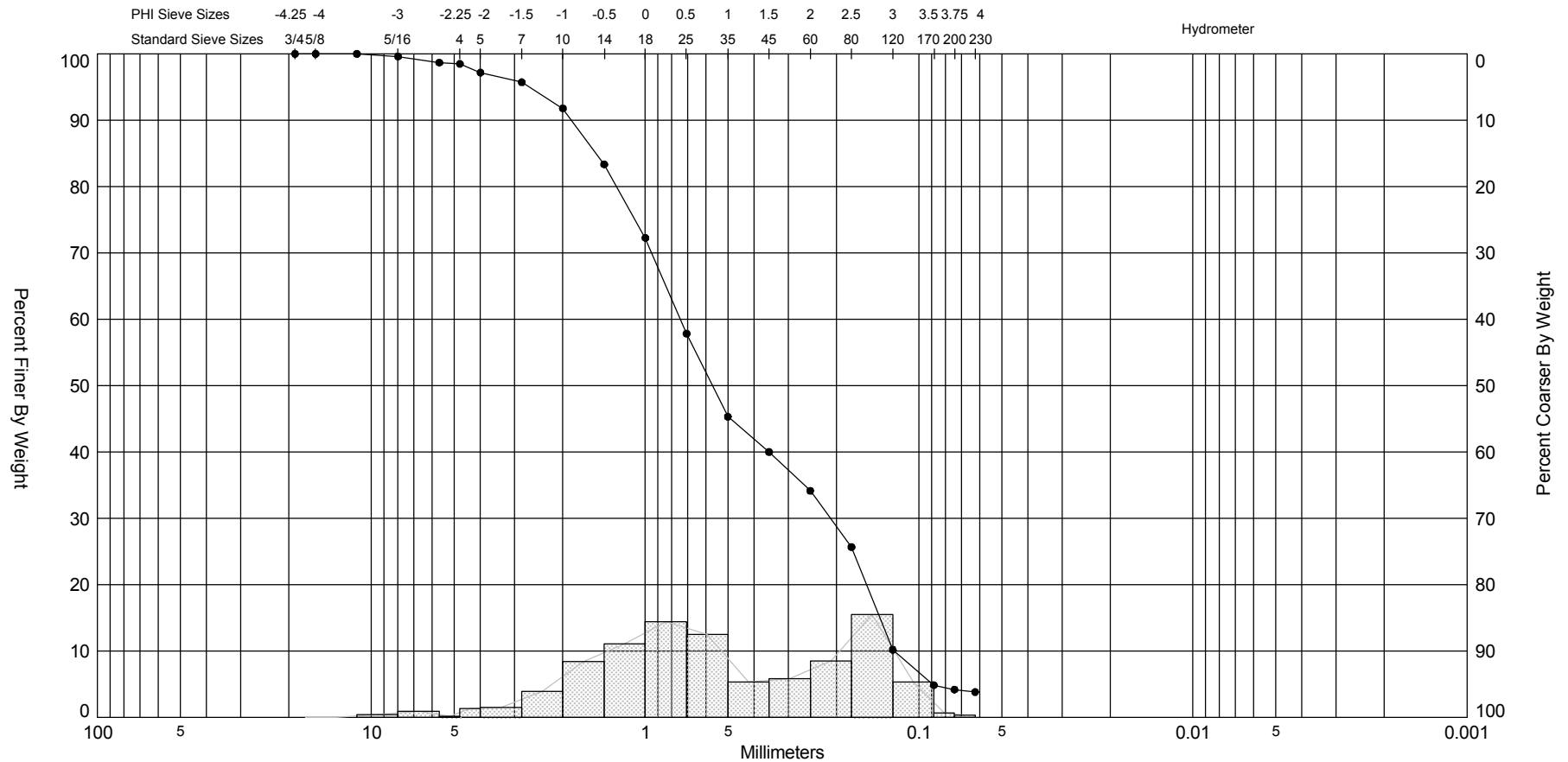



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: Reach 8 Geotechnical Investigation							
Sample Name: PBVC-05-15 #9							
Analysis Date: 03-18-05							
Analyzed By: CPE				Coordinate System: <b>Florida State Plane East</b>		Elevation (ft): <b>-47.4 NAVD 88</b>	
Easting (ft): <b>972,769</b>		Northing (ft): <b>821,109</b>					
USCS: <b>SW</b>		Munsell: Wet - 5Y-6/2 Dry - 5Y-6/1 Washed - 5Y-6/1		Comments:			
Dry Weight (g): <b>89.24</b>	Wash Weight (g): <b>85.89</b>	Pan Retained (g): <b>0.05</b>	Sieve Loss (%): <b>0.00</b>	Fines (%): <b>#200 - 4.19</b> <b>#230 - 3.82</b>	Organics (%):	Carbonates (%):	Shell Hash (%): <b>3</b>
<b>Sieve Number</b>	<b>Sieve Size (Phi)</b>	<b>Sieve Size (Millimeters)</b>	<b>Grams Retained</b>	<b>% Weight Retained</b>	<b>Cum. Grams Retained</b>	<b>C. % Weight Retained</b>	
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	0.35	0.39	0.35	0.39	
3.5	-2.50	5.66	0.82	0.92	1.17	1.31	
4	-2.25	4.76	0.18	0.20	1.35	1.51	
5	-2.00	4.00	1.17	1.31	2.52	2.82	
7	-1.50	2.83	1.30	1.46	3.82	4.28	
10	-1.00	2.00	3.51	3.93	7.33	8.21	
14	-0.50	1.41	7.53	8.44	14.86	16.65	
18	0.00	1.00	9.89	11.08	24.75	27.73	
25	0.50	0.71	12.88	14.43	37.63	42.16	
35	1.00	0.50	11.18	12.53	48.81	54.69	
45	1.50	0.35	4.74	5.31	53.55	60.00	
60	2.00	0.25	5.24	5.87	58.79	65.87	
80	2.50	0.18	7.56	8.47	66.35	74.34	
120	3.00	0.13	13.80	15.46	80.15	89.80	
170	3.50	0.09	4.77	5.35	84.92	95.15	
200	3.75	0.07	0.59	0.66	85.51	95.81	
230	4.00	0.06	0.33	0.37	85.84	96.18	
<b>Phi 5</b>	<b>Phi 16</b>	<b>Phi 25</b>	<b>Phi 50</b>	<b>Phi 75</b>	<b>Phi 84</b>	<b>Phi 95</b>	
3.49	2.81	2.52	0.81	-0.12	-0.54	-1.41	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	0.93	0.52	1.5	-0.13	2.25		

SIEVE ANALYSIS PALMBEACH\_05\_NAVD88.GPJ FL DEP ROSS.GDT 5/10/07



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 #9	—●—	-47.4	SW	#200 - 4.19 #230 - 3.82			0.81	0.93	-0.13	2.25	1.5	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-18-05
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