
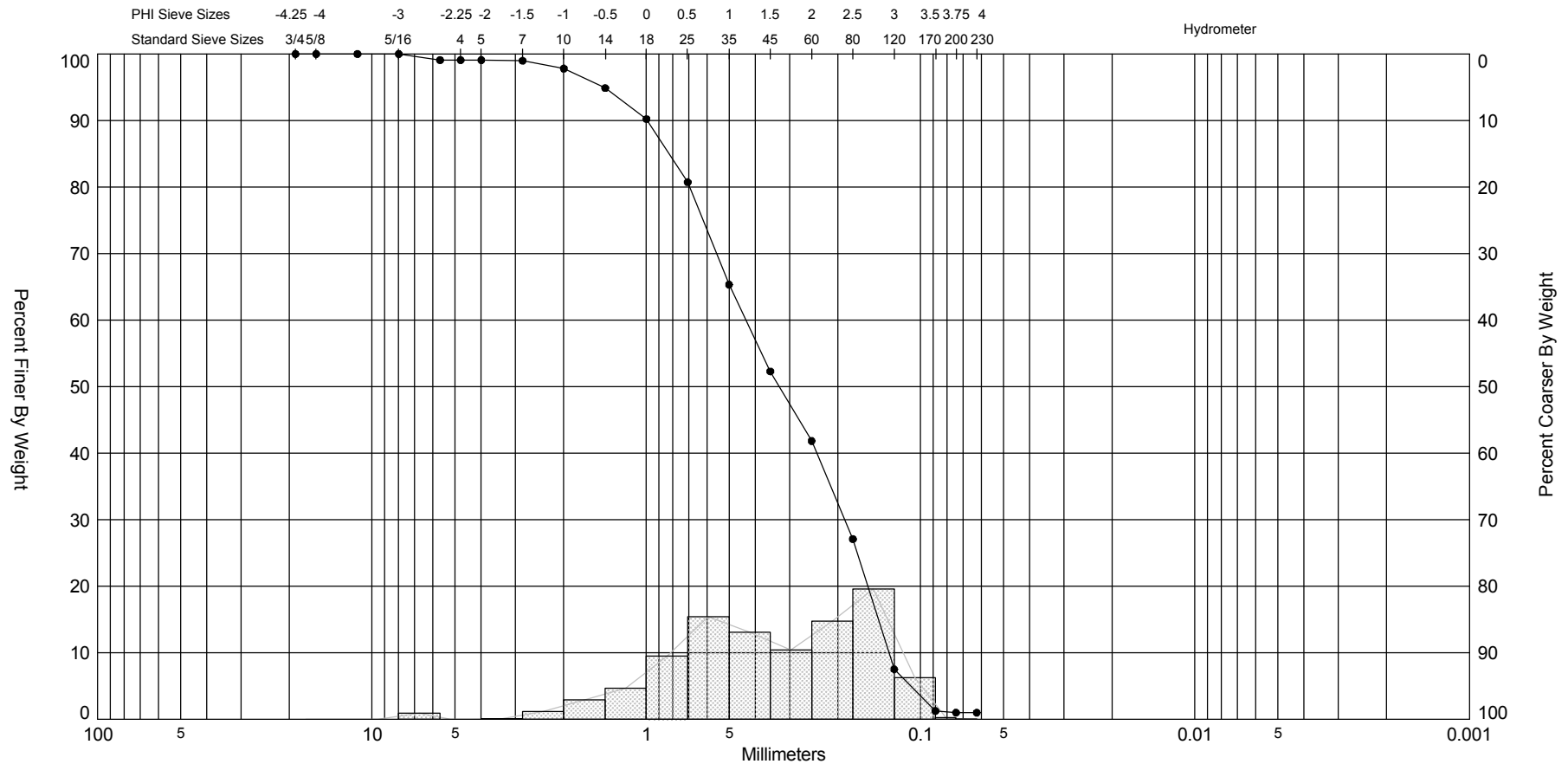



<b>Granularmetric Report</b> Depths and elevations based on measured values				 Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: 2007 Sand Search Investigation							
Sample Name: TPVC-07-20 #3							
Analysis Date: 02-01-07							
Analyzed By: au							
Easting (ft): <b>972,737</b>		Northing (ft): <b>833,222</b>		Coordinate System: <b>Florida State Plane East</b>		Elevation (ft): <b>-29.4 NAVD 88</b>	
USCS: <b>SW</b>		Munsell: Wet - 2.5Y-6/3 Dry - 2.5Y-6/3 Washed - 2.5Y-6/3		Comments:			
Dry Weight (g): <b>90.88</b>	Wash Weight (g): <b>90.05</b>	Pan Retained (g): <b>0.00</b>	Sieve Loss (%): <b>0.07</b>	Fines (%): <b>#200 - 0.99</b> <b>#230 - 0.98</b>	Organics (%):	Carbonates (%): <b>50.00</b>	Shell Hash (%): <b>0</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	
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	0.84	0.92	0.84	0.92	
4	-2.25	4.76	0.00	0.00	0.84	0.92	
5	-2.00	4.00	0.00	0.00	0.84	0.92	
7	-1.50	2.83	0.09	0.10	0.93	1.02	
10	-1.00	2.00	1.07	1.18	2.00	2.20	
14	-0.50	1.41	2.65	2.92	4.65	5.12	
18	0.00	1.00	4.24	4.67	8.89	9.79	
25	0.50	0.71	8.62	9.49	17.51	19.28	
35	1.00	0.50	13.98	15.38	31.49	34.66	
45	1.50	0.35	11.86	13.05	43.35	47.71	
60	2.00	0.25	9.50	10.45	52.85	58.16	
80	2.50	0.18	13.41	14.76	66.26	72.92	
120	3.00	0.13	17.78	19.56	84.04	92.48	
170	3.50	0.09	5.71	6.28	89.75	98.76	
200	3.75	0.07	0.23	0.25	89.98	99.01	
230	4.00	0.06	0.01	0.01	89.99	99.02	
<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>	
3.20	2.78	2.55	1.61	0.69	0.33	-0.52	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	1.51	0.35	1.19	-0.63	3.27		

SIEVE ANALYSIS TOPB\_VC\_07.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	
TPVC-07-20 #3	—●—	-29.4	SW	#200 - 0.99 #230 - 0.98		50.00	1.61	1.51	-0.63	3.27	1.19	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	02-01-07
Depths and elevations based on measured values												Analyzed By:	au
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,737
												Northing (Y, ft):	833,222
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88