
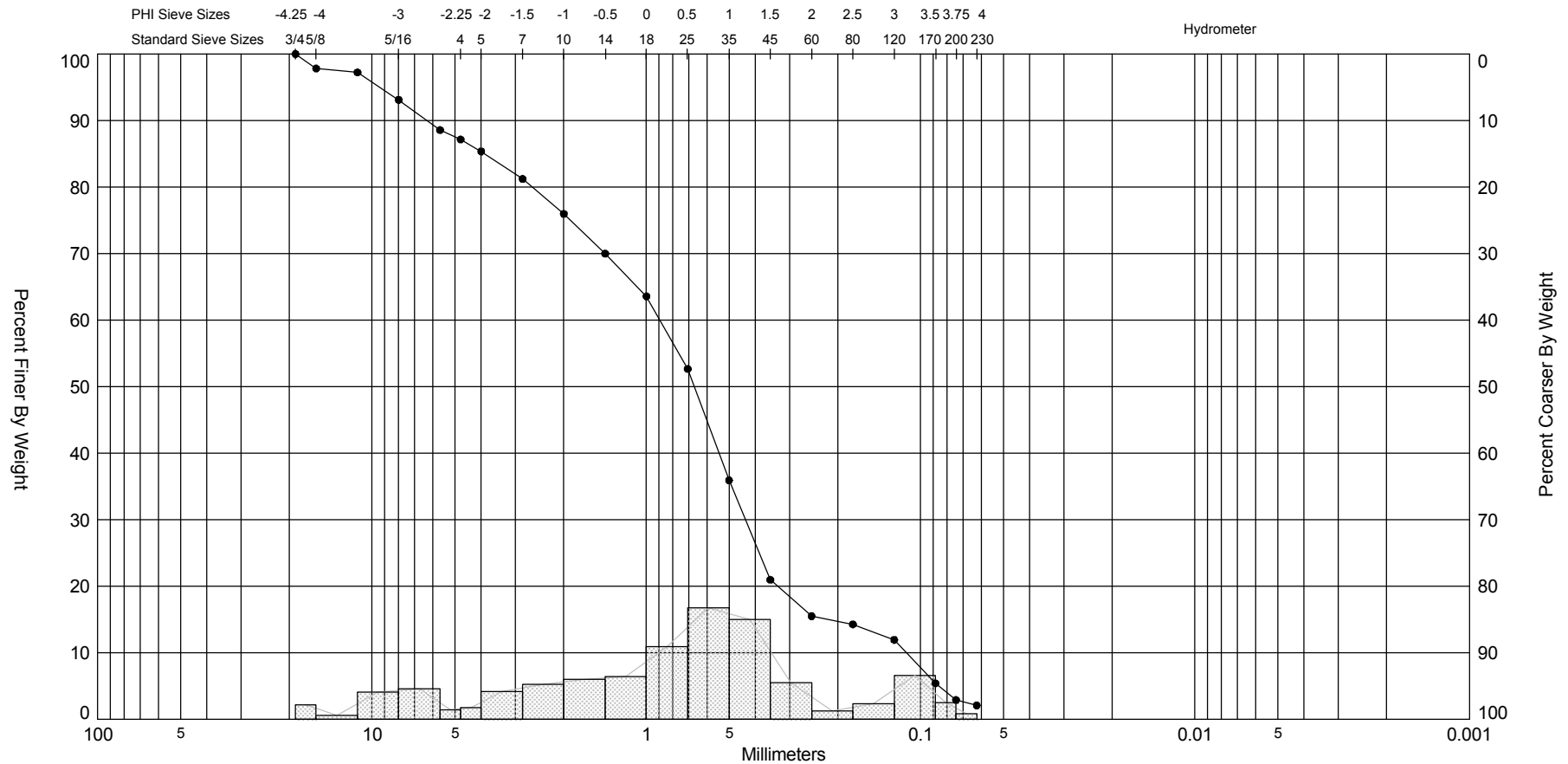



<b>Granularmetric Report</b> Depths and elevations based on measured values				 <b>Coastal Planning &amp; Engineering</b> 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Sand Search							
Sample Name: SLJP-06-13 #BOT							
Analysis Date: 03-18-06							
Analyzed By: AMS							
Easting (ft): <b>913,950</b>		Northing (ft): <b>1,077,118</b>		Coordinate System: <b>Florida State Plane East</b>		Elevation (ft):	
USCS: <b>SP</b>		Munsell: Wet - 5Y-4/1 Dry - 2.5Y-5/1 Washed - 5Y-6/1		Comments:			
Dry Weight (g): <b>103.46</b>	Wash Weight (g): <b>101.47</b>	Pan Retained (g): <b>0.17</b>	Sieve Loss (%): <b>0.00</b>	Fines (%): <b>#200 - 2.89</b> <b>#230 - 2.09</b>	Organics (%):	Carbonates (%):	Shells (%): <b>19</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	2.26	2.18	2.26	2.18	
7/16"	-3.50	11.31	0.61	0.59	2.87	2.77	
5/16"	-3.00	8.00	4.26	4.12	7.13	6.89	
3.5	-2.50	5.66	4.71	4.55	11.84	11.44	
4	-2.25	4.76	1.45	1.40	13.29	12.85	
5	-2.00	4.00	1.86	1.80	15.15	14.64	
7	-1.50	2.83	4.28	4.14	19.43	18.78	
10	-1.00	2.00	5.44	5.26	24.87	24.04	
14	-0.50	1.41	6.18	5.97	31.05	30.01	
18	0.00	1.00	6.64	6.42	37.69	36.43	
25	0.50	0.71	11.30	10.92	48.99	47.35	
35	1.00	0.50	17.31	16.73	66.30	64.08	
45	1.50	0.35	15.47	14.95	81.77	79.04	
60	2.00	0.25	5.65	5.46	87.42	84.50	
80	2.50	0.18	1.28	1.24	88.70	85.73	
120	3.00	0.13	2.40	2.32	91.10	88.05	
170	3.50	0.09	6.77	6.54	97.87	94.60	
200	3.75	0.07	2.60	2.51	100.47	97.11	
230	4.00	0.06	0.83	0.80	101.30	97.91	
<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>	
3.54	1.95	1.36	0.58	-0.92	-1.84	-3.23	
<b>Moment</b>	<b>Mean Phi</b>	<b>Mean mm</b>	<b>Sorting</b>	<b>Skewness</b>	<b>Kurtosis</b>		
<b>Statistics</b>	0.22	0.86	1.88	-0.32	2.67		

SIEVE ANALYSIS ST. LUCIE JP.GPJ FL DEP ROSS.GDT 8/8/06



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	
SLJP-06-13 #BOT	—●—		SP	#200 - 2.89 #230 - 2.09			0.58	0.22	-0.32	2.67	1.88	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-18-06
Depths and elevations based on measured values												Analyzed By:	AMS
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	913,950
												Northing (Y, ft):	1,077,118
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88