


<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-06-08 #BOT							
Analysis Date: 03-13-06							
Analyzed By: AU							
Easting (ft): <b>913,670</b>		Northing (ft): <b>1,082,622</b>		Coordinate System: <b>Florida State Plane East</b>		Elevation (ft):	
USCS: <b>SW</b>		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-5/1 Washed - 2.5Y-6/1		Comments: <b>SHELL 1.2"X1.3"</b>			
Dry Weight (g): <b>121.46</b>	Wash Weight (g): <b>119.63</b>	Pan Retained (g): <b>0.13</b>	Sieve Loss (%): <b>0.07</b>	Fines (%): <b>#200 - 2.72</b> <b>#230 - 1.68</b>	Organics (%):	Carbonates (%):	Shells (%): <b>8</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	1.56	1.28	1.56	1.28	
5/8"	-4.00	16.00	3.23	2.66	4.79	3.94	
7/16"	-3.50	11.31	0.21	0.17	5.00	4.12	
5/16"	-3.00	8.00	0.53	0.44	5.53	4.55	
3.5	-2.50	5.66	1.68	1.38	7.21	5.94	
4	-2.25	4.76	0.26	0.21	7.47	6.15	
5	-2.00	4.00	0.60	0.49	8.07	6.64	
7	-1.50	2.83	1.67	1.37	9.74	8.02	
10	-1.00	2.00	3.34	2.75	13.08	10.77	
14	-0.50	1.41	6.50	5.35	19.58	16.12	
18	0.00	1.00	7.96	6.55	27.54	22.67	
25	0.50	0.71	14.46	11.91	42.00	34.58	
35	1.00	0.50	19.20	15.81	61.20	50.39	
45	1.50	0.35	21.03	17.31	82.23	67.70	
60	2.00	0.25	17.73	14.60	99.96	82.30	
80	2.50	0.18	5.51	4.54	105.47	86.84	
120	3.00	0.13	2.68	2.21	108.15	89.04	
170	3.50	0.09	6.44	5.30	114.59	94.34	
200	3.75	0.07	3.57	2.94	118.16	97.28	
230	4.00	0.06	1.26	1.04	119.42	98.32	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.56	2.19	1.75	0.99	0.10	-0.51	-2.84	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.83	0.56	1.58	-0.84	4.52		