






Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, Florida 32934 Phone 321-751-1135 x 206 Fax			
Project Name: South SLC Offshore Sand Search							
Sample Name: PS-3 #1							
Analysis Date: 03-23-09							
Analyzed By: MO							
Easting (ft): <div style="text-align: center;">913,570.06</div>		Northing (ft): <div style="text-align: center;">1,103,594.69</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-27.6 NAVD 88</div>	
USCS: <div style="text-align: center;">SP</div>		Munsell: Wet - 10YR-5/2 Dry - 10YR-6/1		Comments:			
Dry Weight (g): <div style="text-align: center;">121.47</div>	Wash Weight (g): <div style="text-align: center;">121.47</div>	Pan Retained (g): <div style="text-align: center;">0.06</div>	Sieve Loss (%): <div style="text-align: center;">0.07</div>	Fines (%): #200 - 0.17 #230 - 0.13	Organics (%): <div style="text-align: center;">1.90</div>	Carbonates (%): <div style="text-align: center;">75.60</div>	Shells (%):
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	0.32	0.26	0.32	0.26	
3.5	-2.50	5.66	0.05	0.04	0.37	0.30	
4	-2.25	4.76	0.20	0.16	0.57	0.46	
5	-2.00	4.00	0.27	0.22	0.84	0.68	
7	-1.50	2.83	0.55	0.45	1.39	1.13	
10	-1.00	2.00	0.86	0.71	2.25	1.84	
14	-0.50	1.41	1.78	1.47	4.03	3.31	
18	0.00	1.00	3.92	3.23	7.95	6.54	
25	0.50	0.71	8.82	7.26	16.77	13.80	
35	1.00	0.50	19.02	15.66	35.79	29.46	
45	1.50	0.35	30.43	25.05	66.22	54.51	
60	2.00	0.25	36.65	30.17	102.87	84.68	
80	2.50	0.18	15.15	12.47	118.02	97.15	
120	3.00	0.13	2.78	2.29	120.80	99.44	
170	3.50	0.09	0.39	0.32	121.19	99.76	
200	3.75	0.07	0.09	0.07	121.28	99.83	
230	4.00	0.06	0.05	0.04	121.33	99.87	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.41	1.99	1.84	1.41	0.86	0.57	-0.24	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.28	0.41	0.84	-1.29	6.69		

Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, Florida 32934 Phone 321-751-1135 x 206 Fax			
Project Name: South SLC Offshore Sand Search							
Sample Name: PS-3 #2							
Analysis Date: 03-23-09							
Analyzed By: MO							
Easting (ft): 913,570.06		Northing (ft): 1,103,594.69		Coordinate System: Florida State Plane East		Elevation (ft): -30.6 NAVD 88	
USCS: SW		Munsell: Wet - 10YR-5/2 Dry - 10YR-6/1		Comments:			
Dry Weight (g): 117.97	Wash Weight (g): 117.97	Pan Retained (g): 0.55	Sieve Loss (%): 0.08	Fines (%): #200 - 0.71 #230 - 0.56	Organics (%): 1.90	Carbonates (%): 80.30	Shells (%):
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	1.15	0.97	1.15	0.97	
5/16"	-3.00	8.00	0.00	0.00	1.15	0.97	
3.5	-2.50	5.66	0.47	0.40	1.62	1.37	
4	-2.25	4.76	0.30	0.25	1.92	1.62	
5	-2.00	4.00	0.40	0.34	2.32	1.96	
7	-1.50	2.83	1.13	0.96	3.45	2.92	
10	-1.00	2.00	2.35	1.99	5.80	4.91	
14	-0.50	1.41	5.32	4.51	11.12	9.42	
18	0.00	1.00	9.79	8.30	20.91	17.72	
25	0.50	0.71	16.29	13.81	37.20	31.53	
35	1.00	0.50	24.41	20.69	61.61	52.22	
45	1.50	0.35	25.77	21.84	87.38	74.06	
60	2.00	0.25	17.91	15.18	105.29	89.24	
80	2.50	0.18	8.92	7.56	114.21	96.80	
120	3.00	0.13	1.79	1.52	116.00	98.32	
170	3.50	0.09	0.72	0.61	116.72	98.93	
200	3.75	0.07	0.43	0.36	117.15	99.29	
230	4.00	0.06	0.18	0.15	117.33	99.44	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.38	1.83	1.53	0.95	0.26	-0.10	-0.99	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.83	0.56	1.09	-0.99	5.68		

Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, Florida 32934 Phone 321-751-1135 x 206 Fax			
Project Name: South SLC Offshore Sand Search							
Sample Name: PS-3 #3							
Analysis Date: 03-23-09							
Analyzed By: MO							
Easting (ft): 913,570.06		Northing (ft): 1,103,594.69		Coordinate System: Florida State Plane East		Elevation (ft): -34.1 NAVD 88	
USCS: SW		Munsell: Wet - 10YR-5/2 Dry - 10YR-6/1		Comments:			
Dry Weight (g): 120.31	Wash Weight (g): 118.30	Pan Retained (g): 0.55	Sieve Loss (%): 0.35	Fines (%): #200 - 2.62 #230 - 2.47	Organics (%): 1.90	Carbonates (%): 79.10	Shells (%):
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	1.15	0.96	1.15	0.96	
5/16"	-3.00	8.00	0.00	0.00	1.15	0.96	
3.5	-2.50	5.66	0.47	0.39	1.62	1.35	
4	-2.25	4.76	0.30	0.25	1.92	1.60	
5	-2.00	4.00	0.40	0.33	2.32	1.93	
7	-1.50	2.83	1.13	0.94	3.45	2.87	
10	-1.00	2.00	2.35	1.95	5.80	4.82	
14	-0.50	1.41	5.32	4.42	11.12	9.24	
18	0.00	1.00	9.79	8.14	20.91	17.38	
25	0.50	0.71	16.29	13.54	37.20	30.92	
35	1.00	0.50	24.41	20.29	61.61	51.21	
45	1.50	0.35	25.77	21.42	87.38	72.63	
60	2.00	0.25	17.91	14.89	105.29	87.52	
80	2.50	0.18	8.92	7.41	114.21	94.93	
120	3.00	0.13	1.79	1.49	116.00	96.42	
170	3.50	0.09	0.72	0.60	116.72	97.02	
200	3.75	0.07	0.43	0.36	117.15	97.38	
230	4.00	0.06	0.18	0.15	117.33	97.53	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.52	1.88	1.58	0.97	0.28	-0.08	-0.98	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.83	0.56	1.09	-0.99	5.68		

Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, Florida 32934 Phone 321-751-1135 x 206 Fax			
Project Name: South SLC Offshore Sand Search							
Sample Name: PS-3 #4							
Analysis Date: 03-23-09							
Analyzed By: MO							
Easting (ft): 913,570.06		Northing (ft): 1,103,594.69		Coordinate System: Florida State Plane East		Elevation (ft): -35.6 NAVD 88	
USCS: SW		Munsell: Wet - 10YR-5/2 Dry - 10YR-6/1		Comments:			
Dry Weight (g): 117.37	Wash Weight (g): 117.37	Pan Retained (g): 0.32	Sieve Loss (%): 0.14	Fines (%): #200 - 0.61 #230 - 0.43	Organics (%): 2.00	Carbonates (%): 76.40	Shells (%):
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	1.00	0.85	1.00	0.85	
3.5	-2.50	5.66	0.22	0.19	1.22	1.04	
4	-2.25	4.76	0.31	0.26	1.53	1.30	
5	-2.00	4.00	0.20	0.17	1.73	1.47	
7	-1.50	2.83	0.38	0.32	2.11	1.79	
10	-1.00	2.00	0.88	0.75	2.99	2.54	
14	-0.50	1.41	2.11	1.80	5.10	4.34	
18	0.00	1.00	4.58	3.90	9.68	8.24	
25	0.50	0.71	9.09	7.74	18.77	15.98	
35	1.00	0.50	17.69	15.07	36.46	31.05	
45	1.50	0.35	26.09	22.23	62.55	53.28	
60	2.00	0.25	31.07	26.47	93.62	79.75	
80	2.50	0.18	16.70	14.23	110.32	93.98	
120	3.00	0.13	4.92	4.19	115.24	98.17	
170	3.50	0.09	1.09	0.93	116.33	99.10	
200	3.75	0.07	0.34	0.29	116.67	99.39	
230	4.00	0.06	0.21	0.18	116.88	99.57	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.62	2.15	1.91	1.43	0.80	0.50	-0.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.28	0.41	0.99	-1.34	6.94		

Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory 715 North Drive Suite E Melbourne, Florida 32934 Phone 321-751-1135 x 206 Fax			
Project Name: South SLC Offshore Sand Search							
Sample Name: PS-3 #5							
Analysis Date: 03-23-09							
Analyzed By: MO							
Easting (ft): 913,570.06		Northing (ft): 1,103,594.69		Coordinate System: Florida State Plane East		Elevation (ft): -40.6 NAVD 88	
USCS: SW		Munsell: Wet - 10YR-5/1 Dry - 10YR-6/1		Comments:			
Dry Weight (g): 120.77	Wash Weight (g): 116.04	Pan Retained (g): 0.14	Sieve Loss (%): 0.06	Fines (%): #200 - 4.69 #230 - 4.11	Organics (%): 2.00	Carbonates (%): 69.90	Shells (%):
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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.45	0.37	0.45	0.37	
4	-2.25	4.76	0.00	0.00	0.45	0.37	
5	-2.00	4.00	0.35	0.29	0.80	0.66	
7	-1.50	2.83	0.84	0.70	1.64	1.36	
10	-1.00	2.00	1.62	1.34	3.26	2.70	
14	-0.50	1.41	2.02	1.67	5.28	4.37	
18	0.00	1.00	2.78	2.30	8.06	6.67	
25	0.50	0.71	3.79	3.14	11.85	9.81	
35	1.00	0.50	5.65	4.68	17.50	14.49	
45	1.50	0.35	9.99	8.27	27.49	22.76	
60	2.00	0.25	28.37	23.49	55.86	46.25	
80	2.50	0.18	36.72	30.40	92.58	76.65	
120	3.00	0.13	17.83	14.76	110.41	91.41	
170	3.50	0.09	3.70	3.06	114.11	94.47	
200	3.75	0.07	1.02	0.84	115.13	95.31	
230	4.00	0.06	0.70	0.58	115.83	95.89	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.66	2.75	2.47	2.06	1.55	1.09	-0.36	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.81	0.29	1.02	-1.52	6.13		