




GRANULARMETRIC REPORT SARASOTA_ALL_VC_GINT_FDEP.GPJ FL DEP ROSS.GDT 8/2/13

Granularmetric Report Depths and elevations based on measured values				 <p>US Army Corps of Engineers 701 San Marco Blvd. Jacksonville, Florida 32207 Phone (904) 396-7121</p>			
Project Name: Sarasota SPP							
Sample Name: VB-SASP06-8O-14 #1							
Analysis Date: 12-06-10							
Analyzed By:							
Easting (ft): 496,557		Northing (ft): 948,897		Coordinate System:		Elevation (ft): -42.3 NAVD88	
USCS: SW		Munsell: Wet - 5Y 6/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.52	Organics (%):	Carbonates (%): 75.10	Shells (%): 58.00
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	
3/8	-3.25	9.48		0.52		0.52	
#3.5	-2.50	5.66		0.32		0.84	
#4	-2.25	4.75		0.03		0.87	
#5	-2.00	3.99		0.33		1.20	
#7	-1.50	2.82		0.75		1.95	
#10	-1.00	2.00		1.04		2.99	
#14	-0.50	1.41		2.56		5.55	
#18	0.00	1.00		4.77		10.32	
#25	0.50	0.71		9.30		19.62	
#35	1.00	0.50		16.85		36.47	
#45	1.50	0.35		22.73		59.20	
#60	2.00	0.25		23.12		82.32	
#80	2.50	0.18		10.73		93.05	
#120	3.00	0.13		4.53		97.58	
#170	3.50	0.09		1.47		99.05	
#200	3.75	0.07		0.32		99.37	
#230	4.00	0.06		0.11		99.48	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.72	2.08	1.84	1.29	0.66	0.30	-0.61	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.18	0.44	1.03	-1.08	6.14		

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Project Name: Sarasota SPP							
Sample Name: VB-SASP06-8O-14 #1-P							
Analysis Date: 12-06-10							
Analyzed By:							
Easting (ft): 496,557		Northing (ft): 948,897		Coordinate System:		Elevation (ft): -42.3 NAVD88	
USCS: SW		Munsell: Wet - 10Y 7/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.05	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
#7	-1.50	2.82		0.00		0.00	
#10	-1.00	2.00		0.89		0.89	
#14	-0.50	1.41		7.12		8.01	
#18	0.00	1.00		8.53		16.54	
#25	0.50	0.71		7.22		23.76	
#35	1.00	0.50		8.55		32.31	
#45	1.50	0.35		20.81		53.12	
#60	2.00	0.25		16.81		69.93	
#80	2.50	0.18		15.72		85.65	
#120	3.00	0.13		8.78		94.43	
#170	3.50	0.09		4.26		98.69	
#200	3.75	0.07		0.82		99.51	
#230	4.00	0.06		0.44		99.95	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.07	2.45	2.16	1.42	0.57	-0.03	-0.71	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.33	0.40	1.12	-0.27	2.4		

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Project Name: Sarasota SPP							
Sample Name: VB-SASP06-8O-14 #4							
Analysis Date: 11-21-07							
Analyzed By:							
Easting (ft): 496,557		Northing (ft): 948,897		Coordinate System:		Elevation (ft): -44.8 NAVD88	
USCS: SM		Munsell: Wet - 2.5Y 7/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
				#230 - 20.09			
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	
3/8"	-3.25	9.48		2.01		2.01	
#7	-1.50	2.82		7.01		9.02	
#10	-1.00	2.00		2.04		11.06	
#14	-0.50	1.41		3.36		14.42	
#18	0.00	1.00		4.80		19.22	
#25	0.50	0.71		5.90		25.12	
#35	1.00	0.50		6.00		31.12	
#45	1.50	0.35		4.84		35.96	
#60	2.00	0.25		4.52		40.48	
#80	2.50	0.18		5.02		45.50	
#120	3.00	0.13		9.68		55.18	
#170	3.50	0.09		12.72		67.90	
#200	3.75	0.07		6.16		74.06	
#230	4.00	0.06		5.85		79.91	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.79	2.73	0.49	-0.34	-2.50	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.42	0.37	2.06	-0.74	2.55		