



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-SCV09-13 #0							
Analysis Date: 07-02-09							
Analyzed By:							
Easting (ft): 491,039		Northing (ft): 947,995		Coordinate System:		Elevation (ft): -41.6 NAVD88	
USCS: SM		Munsell: Wet - 5Y 6/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 19.41				10.00
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		0.08		0.60	
#4	-2.25	4.75		0.33		0.93	
#5	-2.00	3.99		0.11		1.04	
#7	-1.50	2.82		0.39		1.43	
#10	-1.00	2.00		0.55		1.98	
#14	-0.50	1.41		0.87		2.85	
#18	0.00	1.00		1.00		3.85	
#25	0.50	0.71		1.51		5.36	
#35	1.00	0.50		1.83		7.19	
#45	1.50	0.35		2.57		9.76	
#60	2.00	0.25		1.60		11.36	
#80	2.50	0.18		5.35		16.71	
#120	3.00	0.13		28.17		44.88	
#170	3.50	0.09		22.33		67.21	
#200	3.75	0.07		10.22		77.43	
#230	4.00	0.06		3.16		80.59	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.69	3.11	2.65	2.43	0.38	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.65	0.16	1.19	-2.57	10.98		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV09-13 #2							
Analysis Date: 07-06-09							
Analyzed By:							
Easting (ft): 491,039		Northing (ft): 947,995		Coordinate System:		Elevation (ft): -43.6 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 2.35	Organics (%):	Carbonates (%):	Shells (%): 25.00
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		0.51		0.51	
#3.5	-2.50	5.66		0.82		1.33	
#4	-2.25	4.75		0.39		1.72	
#5	-2.00	3.99		0.44		2.16	
#7	-1.50	2.82		1.46		3.62	
#10	-1.00	2.00		2.25		5.87	
#14	-0.50	1.41		7.39		13.26	
#18	0.00	1.00		5.13		18.39	
#25	0.50	0.71		9.68		28.07	
#35	1.00	0.50		14.56		42.63	
#45	1.50	0.35		17.71		60.34	
#60	2.00	0.25		19.01		79.35	
#80	2.50	0.18		9.19		88.54	
#120	3.00	0.13		7.13		95.67	
#170	3.50	0.09		1.45		97.12	
#200	3.75	0.07		0.33		97.45	
#230	4.00	0.06		0.20		97.65	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.95	2.25	1.88	1.21	0.34	-0.23	-1.19	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1	0.50	1.24	-0.78	3.94		