


Granularmetric Report Depths and elevations based on measured values				 US Army Corps of Engineers 701 San Marco Blvd. Jacksonville, Florida 32207 Phone (904) 396-7121			
Project Name: Sarasota SPP							
Sample Name: VB-SCV09-40 #1							
Analysis Date: 07-14-09							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
489,791		938,858				-45.4 NAVD88	
USCS:		Munsell:		Comments:			
SW		Wet - 5Y 4/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
				#230 - 1.76		8.40	20.00
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		1.66		1.66	
#3.5	-2.50	5.66		0.57		2.23	
#4	-2.25	4.75		0.33		2.56	
#5	-2.00	3.99		0.42		2.98	
#7	-1.50	2.82		1.01		3.99	
#10	-1.00	2.00		1.88		5.87	
#14	-0.50	1.41		3.64		9.51	
#18	0.00	1.00		5.29		14.80	
#25	0.50	0.71		18.43		33.23	
#35	1.00	0.50		22.76		55.99	
#45	1.50	0.35		21.18		77.17	
#60	2.00	0.25		13.32		90.49	
#80	2.50	0.18		4.51		95.00	
#120	3.00	0.13		2.44		97.44	
#170	3.50	0.09		0.58		98.02	
#200	3.75	0.07		0.12		98.14	
#230	4.00	0.06		0.10		98.24	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.50	1.75	1.44	0.87	0.28	0.03	-1.23	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.74	0.60	1.12	-1.31	6.72		

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Analyzed By:

-45.5 NAVD88

Comments:

Shells (%):

25.00

C. % Weight Retained

0.00

0.05

0.57

0.77

1.93

3.93

9.41

17.77

36.02

61.83

82.37

93.86

96.95

98.58

98.95

99.07


99.15

Phi 95

-0.90

Kurtosis

3.94

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Project Name: Sarasota SPP						
Sample Name: VB-SCV09-40 #4						
Analysis Date: 07-16-09						
Analyzed By:						
Easting (ft): 489,791		Northing (ft): 938,858		Coordinate System:		Elevation (ft): -48.4 NAVD88
USCS: SM		Munsell: Wet - 5Y 7/2		Comments:		
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%): Shells (%):
			#230 - 11.40			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		0.53		0.53
#3.5	-2.50	5.66		0.75		1.28
#4	-2.25	4.75		0.22		1.50
#5	-2.00	3.99		0.23		1.73
#7	-1.50	2.82		0.63		2.36
#10	-1.00	2.00		0.85		3.21
#14	-0.50	1.41		1.56		4.77
#18	0.00	1.00		1.67		6.44
#25	0.50	0.71		2.23		8.67
#35	1.00	0.50		3.16		11.83
#45	1.50	0.35		3.63		15.46
#60	2.00	0.25		40.22		55.68
#80	2.50	0.18		25.02		80.70
#120	3.00	0.13		2.95		83.65
#170	3.50	0.09		3.16		86.81
#200	3.75	0.07		0.64		87.45
#230	4.00	0.06		1.15		88.60
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.06	2.39	1.93	1.61	1.50	-0.43
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	1.69	0.31	1.08	-2.15	9.95	