


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-SCV09-32 #0							
Analysis Date: 07-14-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">491,252</div>		Northing (ft): <div style="text-align: center;">942,984</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-42.3 NAVD88</div>	
USCS: <div style="text-align: center;">SW</div>		Munsell: <div style="text-align: center;">Wet - 5Y 4/1</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 1.84	Organics (%):	Carbonates (%): 3.20	Shells (%): 30.00
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		0.24		0.24	
#3.5	-2.50	5.66		0.12		0.36	
#4	-2.25	4.75		0.27		0.63	
#5	-2.00	3.99		0.33		0.96	
#7	-1.50	2.82		1.26		2.22	
#10	-1.00	2.00		2.36		4.58	
#14	-0.50	1.41		4.39		8.97	
#18	0.00	1.00		7.81		16.78	
#25	0.50	0.71		15.43		32.21	
#35	1.00	0.50		19.08		51.29	
#45	1.50	0.35		19.12		70.41	
#60	2.00	0.25		9.18		79.59	
#80	2.50	0.18		11.56		91.15	
#120	3.00	0.13		4.70		95.85	
#170	3.50	0.09		1.69		97.54	
#200	3.75	0.07		0.43		97.97	
#230	4.00	0.06		0.19		98.16	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.91	2.19	1.75	0.96	0.27	-0.05	-0.95	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.93	0.52	1.11	-0.33	3.64		

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-42.4 NAVD88

Comments:

Wet - 5Y 4/1

Shells (%):

25.00

C. % Weight Retained

0.00

0.18

0.24

0.31

1.06

2.60

6.55

14.42

30.57

52.42

73.24

91.80

95.66

98.10

98.90

99.13


99.25

Phi 95

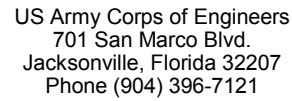
-0.70

Kurtosis

3.77

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-SCV09-32 #1.5							
Analysis Date: 07-10-09							
Analyzed By:							
Easting (ft): 491,252		Northing (ft): 942,984		Coordinate System:		Elevation (ft): -43.8 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 4.28	Organics (%):	Carbonates (%):	Shells (%): 15.00
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/8"	-3.25	9.48		0.00		0.00	
#3.5	-2.50	5.66		0.37		0.37	
#4	-2.25	4.75		0.16		0.53	
#5	-2.00	3.99		0.45		0.98	
#7	-1.50	2.82		1.09		2.07	
#10	-1.00	2.00		1.35		3.42	
#14	-0.50	1.41		3.25		6.67	
#18	0.00	1.00		7.98		14.65	
#25	0.50	0.71		16.63		31.28	
#35	1.00	0.50		21.69		52.97	
#45	1.50	0.35		19.21		72.18	
#60	2.00	0.25		14.20		86.38	
#80	2.50	0.18		5.19		91.57	
#120	3.00	0.13		3.13		94.70	
#170	3.50	0.09		0.63		95.33	
#200	3.75	0.07		0.18		95.51	
#230	4.00	0.06		0.21		95.72	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.24	1.91	1.59	0.93	0.31	0.04	-0.76	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.86	0.55	0.98	-0.37	4.1		

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-45.8 NAVD88

Comments:

Wet - 5Y 4/1

Shells (%):

10.00

C. % Weight Retained

0.00

0.06

0.10

0.31

1.11

2.71

4.54

9.29

16.48

23.67

30.32

43.14

80.49

86.68

88.85

92.10

Phi 95

0.05

Kurtosis

3.7