


<b>Granularmetric Report</b> 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-SCV09-25 #1							
Analysis Date: 07-14-09							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
497,628		942,928				-43.5 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 - 2.25		4.60	30.00
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		1.38		1.38	
#4	-2.25	4.75		0.69		2.07	
#5	-2.00	3.99		0.67		2.74	
#7	-1.50	2.82		2.25		4.99	
#10	-1.00	2.00		2.59		7.58	
#14	-0.50	1.41		5.40		12.98	
#18	0.00	1.00		8.59		21.57	
#25	0.50	0.71		14.36		35.93	
#35	1.00	0.50		22.64		58.57	
#45	1.50	0.35		22.20		80.77	
#60	2.00	0.25		9.68		90.45	
#80	2.50	0.18		3.68		94.13	
#120	3.00	0.13		2.73		96.86	
#170	3.50	0.09		0.65		97.51	
#200	3.75	0.07		0.15		97.66	
#230	4.00	0.06		0.09		97.75	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.66	1.66	1.37	0.81	0.12	-0.32	-1.50	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.65	0.64	1.1	-0.68	4.1		

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-43.6 NAVD88

Comments:

Wet - 5Y 4/1

Shells (%):

25.00

C. % Weight Retained

0.00

1.38

2.11

2.99

## 5.10

8.47

14.25

23.58

38.48

60.38

81.95

95.94

97.39

98.09

98 33

98.41


98.49

Phi 95

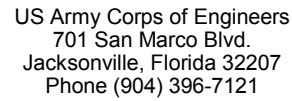
-1.52

## Kurtosis

4.07

<b>Granularmetric Report</b> 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-SCV09-25 #2.5							
Analysis Date: 07-08-09							
Analyzed By:							
Easting (ft): <b>497,628</b>		Northing (ft): <b>942,928</b>		Coordinate System:		Elevation (ft): <b>-45.0 NAVD88</b>	
USCS: <b>SP-SM</b>		Munsell: <b>Wet - 5Y 5/2</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			<b>#230 - 10.29</b>				<b>45.00</b>
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		4.30		4.30	
#3.5	-2.50	5.66		2.86		7.16	
#4	-2.25	4.75		1.15		8.31	
#5	-2.00	3.99		1.65		9.96	
#7	-1.50	2.82		3.65		13.61	
#10	-1.00	2.00		4.69		18.30	
#14	-0.50	1.41		11.37		29.67	
#18	0.00	1.00		6.38		36.05	
#25	0.50	0.71		10.07		46.12	
#35	1.00	0.50		11.30		57.42	
#45	1.50	0.35		11.35		68.77	
#60	2.00	0.25		8.75		77.52	
#80	2.50	0.18		5.32		82.84	
#120	3.00	0.13		4.55		87.39	
#170	3.50	0.09		1.33		88.72	
#200	3.75	0.07		0.49		89.21	
#230	4.00	0.06		0.50		89.71	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.63	1.85	0.67	-0.70	-1.24	-3.06	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.22	0.86	1.7	-0.47	2.83		

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-46.0 NAVD88

Comments:

Wet - 5Y 5/2

Shells (%):

10.00

C. % Weight Retained

0.00

0.13

0.30

0.77

1.54

5.36

7.92

10.93

13.67

16.76

21.79

27.94

38.55

58.23

68.81

74.45

Phi 95

-0.55

## Kurtosis

3.35