

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-41.1 NAVD88

Comments:

Wet - 5Y 4/1

Shells (%):

25.00

C. % Weight Retained

0.00

1.31

2.02

2.39

3.95

6.47

10.96

19.40

33.98

53.01

70.22

84.18

91.65

96.73

98.28

98.58


98.72


Phi 95

-1.29


## Kurtosis

3.71

<b>Granularmetric Report</b> 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-SCV09-15 #0.6							
Analysis Date: 07-18-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">492,263</div>		Northing (ft): <div style="text-align: center;">947,209</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-41.2 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 - 3.35	Organics (%):	Carbonates (%):	Shells (%): 20.00
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		0.05		0.05	
#4	-2.25	4.75		0.03		0.08	
#5	-2.00	3.99		0.28		0.36	
#7	-1.50	2.82		0.86		1.22	
#10	-1.00	2.00		1.48		2.70	
#14	-0.50	1.41		14.06		16.76	
#18	0.00	1.00		4.30		21.06	
#25	0.50	0.71		12.32		33.38	
#35	1.00	0.50		14.87		48.25	
#45	1.50	0.35		15.78		64.03	
#60	2.00	0.25		17.87		81.90	
#80	2.50	0.18		6.97		88.87	
#120	3.00	0.13		5.69		94.56	
#170	3.50	0.09		1.46		96.02	
#200	3.75	0.07		0.32		96.34	
#230	4.00	0.06		0.31		96.65	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.15	2.15	1.80	1.05	0.16	-0.53	-0.92	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.91	0.53	1.14	-0.14	2.5		

<b>Granularmetric Report</b> 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-SCV09-15 #2							
Analysis Date: 07-06-09							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
492,263		947,209				-42.6 NAVD88	
USCS:		Munsell:		Comments:			
SP-SM		Wet - 5Y 6/2					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
				#230 - 5.27			5.00
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
#3.5	-2.50	5.66		0.00		0.00	
#4	-2.25	4.75		0.07		0.07	
#5	-2.00	3.99		0.00		0.07	
#7	-1.50	2.82		0.15		0.22	
#10	-1.00	2.00		0.25		0.47	
#14	-0.50	1.41		1.42		1.89	
#18	0.00	1.00		0.87		2.76	
#25	0.50	0.71		1.44		4.20	
#35	1.00	0.50		2.45		6.65	
#45	1.50	0.35		3.16		9.81	
#60	2.00	0.25		4.83		14.64	
#80	2.50	0.18		21.04		35.68	
#120	3.00	0.13		42.07		77.75	
#170	3.50	0.09		11.71		89.46	
#200	3.75	0.07		3.13		92.59	
#230	4.00	0.06		2.14		94.73	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.27	2.97	2.67	2.24	2.03	0.66	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.46	0.18	0.86	-1.88	7.91		

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<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-SCV09-15 #3.5							
Analysis Date: 07-06-09							
Analyzed By:							
Easting (ft): <b>492,263</b>		Northing (ft): <b>947,209</b>		Coordinate System:		Elevation (ft): <b>-44.1 NAVD88</b>	
USCS: <b>SM</b>		Munsell: <b>Wet - 5Y 6/2</b>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			<b>#230 - 16.45</b>				<b>5.00</b>
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		0.13		0.13	
#4	-2.25	4.75		0.10		0.23	
#5	-2.00	3.99		0.09		0.32	
#7	-1.50	2.82		0.31		0.63	
#10	-1.00	2.00		0.41		1.04	
#14	-0.50	1.41		1.34		2.38	
#18	0.00	1.00		1.04		3.42	
#25	0.50	0.71		1.83		5.25	
#35	1.00	0.50		2.70		7.95	
#45	1.50	0.35		2.87		10.82	
#60	2.00	0.25		3.98		14.80	
#80	2.50	0.18		13.65		28.45	
#120	3.00	0.13		39.45		67.90	
#170	3.50	0.09		10.43		78.33	
#200	3.75	0.07		3.42		81.75	
#230	4.00	0.06		1.80		83.55	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.34	2.77	2.37	2.04	0.43	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.42	0.19	0.99	-2	7.91		