

Depths and elevations based on measured values



Analyzed By:

Elevation (ft):

-41.7 NAVD88

Comments:

Wet - 5Y 5/2

Shells (%):

25.00

C. % Weight Retained

0.00

0.17

0.37

0.94

2.11

4.22

8.56

17.71

34.97

53.02

71.86

81.68

87.89

88.85

89.17


89.45


Phi 95


-0.41

Kurtosis

3.62

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-SCV09-36 #1.1							
Analysis Date: 07-20-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">494,160</div>		Northing (ft): <div style="text-align: center;">940,894</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-41.8 NAVD88</div>	
USCS: <div style="text-align: center;">SW</div>		Munsell: <div style="text-align: center;">Wet - 5Y 5/2</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <div style="text-align: center;">#230 - 0.94</div>	Organics (%):	Carbonates (%):	Shells (%): <div style="text-align: center;">20.00</div>
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		0.33		0.33	
#4	-2.25	4.75		0.11		0.44	
#5	-2.00	3.99		0.14		0.58	
#7	-1.50	2.82		0.53		1.11	
#10	-1.00	2.00		0.92		2.03	
#14	-0.50	1.41		2.52		4.55	
#18	0.00	1.00		4.49		9.04	
#25	0.50	0.71		9.78		18.82	
#35	1.00	0.50		17.97		36.79	
#45	1.50	0.35		20.17		56.96	
#60	2.00	0.25		33.09		90.05	
#80	2.50	0.18		5.01		95.06	
#120	3.00	0.13		2.95		98.01	
#170	3.50	0.09		0.75		98.76	
#200	3.75	0.07		0.16		98.92	
#230	4.00	0.06		0.14		99.06	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.49	1.90	1.77	1.32	0.67	0.36	-0.45	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.16	0.45	0.88	-0.87	5.05		

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-SCV09-36 #6							
Analysis Date: 07-15-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">494,160</div>		Northing (ft): <div style="text-align: center;">940,894</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-46.7 NAVD88</div>	
USCS: <div style="text-align: center;">SP-SM</div>		Munsell: <div style="text-align: center;">Wet - 5Y 6/2</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): <div style="text-align: center;">#230 - 7.83</div>	Organics (%):	Carbonates (%):	Shells (%): <div style="text-align: center;">15.00</div>
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		2.78		2.78	
#3.5	-2.50	5.66		0.73		3.51	
#4	-2.25	4.75		0.03		3.54	
#5	-2.00	3.99		0.08		3.62	
#7	-1.50	2.82		0.57		4.19	
#10	-1.00	2.00		1.15		5.34	
#14	-0.50	1.41		0.00		5.34	
#18	0.00	1.00		1.12		6.46	
#25	0.50	0.71		1.87		8.33	
#35	1.00	0.50		3.22		11.55	
#45	1.50	0.35		4.50		16.05	
#60	2.00	0.25		7.51		23.56	
#80	2.50	0.18		35.96		59.52	
#120	3.00	0.13		23.81		83.33	
#170	3.50	0.09		4.97		88.30	
#200	3.75	0.07		1.71		90.01	
#230	4.00	0.06		2.16		92.17	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.07	2.83	2.37	2.02	1.49	-0.80	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.99	0.25	1.42	-2.54	10.1		

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-SCV09-36 #7							
Analysis Date: 07-15-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">494,160</div>		Northing (ft): <div style="text-align: center;">940,894</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-47.7 NAVD88</div>	
USCS: <div style="text-align: center;">SM</div>		Munsell: <div style="text-align: center;">Wet - 5Y 6/2</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 18.77				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		0.81		0.81	
#3.5	-2.50	5.66		1.17		1.98	
#4	-2.25	4.75		0.10		2.08	
#5	-2.00	3.99		0.32		2.40	
#7	-1.50	2.82		1.11		3.51	
#10	-1.00	2.00		1.90		5.41	
#14	-0.50	1.41		3.56		8.97	
#18	0.00	1.00		3.37		12.34	
#25	0.50	0.71		3.82		16.16	
#35	1.00	0.50		4.29		20.45	
#45	1.50	0.35		4.14		24.59	
#60	2.00	0.25		6.01		30.60	
#80	2.50	0.18		11.67		42.27	
#120	3.00	0.13		22.57		64.84	
#170	3.50	0.09		11.29		76.13	
#200	3.75	0.07		4.87		81.00	
#230	4.00	0.06		0.23		81.23	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.45	2.67	1.53	0.48	-1.11	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.82	0.28	1.59	-1.3	4.21		