


GRANULARMETRIC REPORT SARASOTA_ALL_VC_GINT_FDEP.GPJ FL DEP ROSS.GDT 8/2/13

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-SCV09-43 #1.5							
Analysis Date: 07-16-09							
Analyzed By:							
Easting (ft): 491,119		Northing (ft): 936,841		Coordinate System:		Elevation (ft): -40.5 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/1		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 1.25	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		0.14		0.14	
#4	-2.25	4.75		0.03		0.17	
#5	-2.00	3.99		0.27		0.44	
#7	-1.50	2.82		0.55		0.99	
#10	-1.00	2.00		1.42		2.41	
#14	-0.50	1.41		3.80		6.21	
#18	0.00	1.00		5.88		12.09	
#25	0.50	0.71		9.89		21.98	
#35	1.00	0.50		23.17		45.15	
#45	1.50	0.35		24.78		69.93	
#60	2.00	0.25		21.21		91.14	
#80	2.50	0.18		5.41		96.55	
#120	3.00	0.13		1.71		98.26	
#170	3.50	0.09		0.26		98.52	
#200	3.75	0.07		0.07		98.59	
#230	4.00	0.06		0.16		98.75	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.36	1.83	1.62	1.10	0.56	0.20	-0.66	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.99	0.50	0.87	-0.67	4.25		

Depths and elevations based on measured values



Analyzed By:

-44.5 NAVD88

Comments:

Shells (%):

10.00

C. % Weight Retained

0.00

0.01

0.14

0.29

0.77

1.86

4.86

9.46

18.63

34.36

55.85

82.45

92.24

96.32

97.01

97.20


97.34

Phi 95

-0.48

Kurtosis

3.85

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-SCV09-43 #9.5							
Analysis Date: 07-16-09							
Analyzed By:							
Easting (ft): <div style="text-align: center;">491,119</div>		Northing (ft): <div style="text-align: center;">936,841</div>		Coordinate System:		Elevation (ft): <div style="text-align: center;">-48.5 NAVD88</div>	
USCS: <div style="text-align: center;">SM</div>		Munsell: <div style="text-align: center;">Wet - 5Y 7/1</div>		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
			#230 - 11.58				15.00
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		1.56		1.56	
#3.5	-2.50	5.66		0.93		2.49	
#4	-2.25	4.75		0.17		2.66	
#5	-2.00	3.99		0.30		2.96	
#7	-1.50	2.82		0.63		3.59	
#10	-1.00	2.00		0.81		4.40	
#14	-0.50	1.41		1.84		6.24	
#18	0.00	1.00		1.41		7.65	
#25	0.50	0.71		2.12		9.77	
#35	1.00	0.50		4.27		14.04	
#45	1.50	0.35		1.84		15.88	
#60	2.00	0.25		5.56		21.44	
#80	2.50	0.18		45.77		67.21	
#120	3.00	0.13		13.64		80.85	
#170	3.50	0.09		4.28		85.13	
#200	3.75	0.07		1.66		86.79	
#230	4.00	0.06		1.63		88.42	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.37	2.79	2.31	2.04	1.51	-0.84	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.91	0.27	1.35	-2.28	8.89		