



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-SCV09-11 #0.5							
Analysis Date: 07-13-09							
Analyzed By:							
Easting (ft): 489,565		Northing (ft): 948,752		Coordinate System:		Elevation (ft): -43.2 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.48	Organics (%):	Carbonates (%): 4.40	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		0.93		0.93	
#4	-2.25	4.75		0.29		1.22	
#5	-2.00	3.99		0.59		1.81	
#7	-1.50	2.82		1.15		2.96	
#10	-1.00	2.00		1.63		4.59	
#14	-0.50	1.41		3.32		7.91	
#18	0.00	1.00		5.39		13.30	
#25	0.50	0.71		9.30		22.60	
#35	1.00	0.50		18.43		41.03	
#45	1.50	0.35		21.86		62.89	
#60	2.00	0.25		23.53		86.42	
#80	2.50	0.18		8.53		94.95	
#120	3.00	0.13		3.55		98.50	
#170	3.50	0.09		0.76		99.26	
#200	3.75	0.07		0.17		99.43	
#230	4.00	0.06		0.09		99.52	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.51	1.94	1.75	1.20	0.56	0.14	-0.94	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.05	0.48	1.05	-1	4.8		

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Project Name: Sarasota SPP							
Sample Name: VB-SCV09-11 #0.6							
Analysis Date: 07-18-09							
Analyzed By:							
Easting (ft): 489,565		Northing (ft): 948,752		Coordinate System:		Elevation (ft): -43.3 NAVD88	
USCS: SW		Munsell: Wet - 5Y 4/2		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #230 - 0.85	Organics (%):	Carbonates (%):	Shells (%): 25.00
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		0.29		0.29	
#3.5	-2.50	5.66		0.77		1.06	
#4	-2.25	4.75		0.31		1.37	
#5	-2.00	3.99		0.49		1.86	
#7	-1.50	2.82		1.06		2.92	
#10	-1.00	2.00		1.91		4.83	
#14	-0.50	1.41		4.24		9.07	
#18	0.00	1.00		5.82		14.89	
#25	0.50	0.71		10.34		25.23	
#35	1.00	0.50		17.69		42.92	
#45	1.50	0.35		22.29		65.21	
#60	2.00	0.25		21.66		86.87	
#80	2.50	0.18		7.31		94.18	
#120	3.00	0.13		3.78		97.96	
#170	3.50	0.09		0.88		98.84	
#200	3.75	0.07		0.17		99.01	
#230	4.00	0.06		0.14		99.15	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.61	1.93	1.72	1.16	0.49	0.05	-0.98	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.99	0.50	1.08	-0.97	4.92		

Depths and elevations based on measured values



Analyzed By:

-45.2 NAVD88

Comments:

Shells (%):

25.00

C. % Weight Retained

0.00

0.13

0.16

0.23

0.52

1.18

2.58

4.77

9.40

19.09

34.84

57.92

73.51

90.10

94.23

95.40

95.78

Phi 95

0.02

Kurtosis

4.13