

<b>Granularmetric Report</b> Depths and elevations based on measured values				Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 seappinc.com seapp1@aol.com (321) 254-2708			
Project Name: Juno 2016							
Sample Name: Juno16-09 #0.5							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-67.6 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6.5/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
88.60	88.36	0.02	0.14	#200 - 0.50 #230 - 0.43		62.62	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	1.83	2.07	1.83	2.07	
5/16"	-3.00	8.00	1.34	1.51	3.17	3.58	
3.5	-2.50	5.66	2.02	2.28	5.19	5.86	
4	-2.25	4.76	0.25	0.28	5.44	6.14	
5	-2.00	4.00	1.40	1.58	6.84	7.72	
7	-1.50	2.83	3.59	4.05	10.43	11.77	
10	-1.00	2.00	3.95	4.46	14.38	16.23	
14	-0.50	1.41	5.16	5.82	19.53	22.05	
18	0.00	1.00	6.62	7.47	26.15	29.52	
25	0.50	0.71	6.63	7.49	32.79	37.01	
35	1.00	0.50	7.75	8.75	40.54	45.76	
45	1.50	0.35	12.03	13.57	52.56	59.33	
60	2.00	0.25	17.68	19.95	70.24	79.28	
80	2.50	0.18	13.44	15.17	83.68	94.45	
120	3.00	0.13	3.75	4.23	87.43	98.68	
170	3.50	0.09	0.56	0.63	87.99	99.31	
200	3.75	0.07	0.17	0.19	88.15	99.50	
230	4.00	0.06	0.06	0.07	88.21	99.57	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.57	2.16	1.89	1.16	-0.30	-1.03	-2.69	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.68	0.62	1.6	-0.92	3.16		

<b>Granularmetric Report</b> Depths and elevations based on measured values				Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 seappinc.com seapp1@aol.com (321) 254-2708			
Project Name: Juno 2016							
Sample Name: Juno16-09 #3							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-70.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6.5/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
86.07	85.14	0.09	0.77	#200 - 2.12 #230 - 1.95		74.99	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	1.65	1.92	1.65	1.92	
3.5	-2.50	5.66	0.88	1.02	2.53	2.94	
4	-2.25	4.76	1.14	1.32	3.66	4.26	
5	-2.00	4.00	1.50	1.74	5.17	6.00	
7	-1.50	2.83	2.66	3.09	7.83	9.09	
10	-1.00	2.00	3.24	3.76	11.07	12.85	
14	-0.50	1.41	4.38	5.09	15.45	17.94	
18	0.00	1.00	4.66	5.41	20.11	23.35	
25	0.50	0.71	4.40	5.11	24.50	28.46	
35	1.00	0.50	5.64	6.55	30.14	35.01	
45	1.50	0.35	13.44	15.61	43.57	50.62	
60	2.00	0.25	24.20	28.11	67.77	78.73	
80	2.50	0.18	11.99	13.93	79.76	92.66	
120	3.00	0.13	1.58	1.84	81.34	94.50	
170	3.50	0.09	2.79	3.25	84.13	97.75	
200	3.75	0.07	0.11	0.13	84.25	97.88	
230	4.00	0.06	0.15	0.17	84.39	98.05	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.08	2.19	1.93	1.48	0.16	-0.69	-2.14	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.94	0.52	1.48	-1.01	3.39		

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Project Name: Juno 2016							
Sample Name: Juno16-09 #6							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-73.6 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
86.90	85.95	0.12	-0.01	#200 - 1.36 #230 - 1.22		75.47	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.28	0.32	0.28	0.32	
5/16"	-3.00	8.00	0.00	0.00	0.28	0.32	
3.5	-2.50	5.66	1.47	1.69	1.75	2.01	
4	-2.25	4.76	0.44	0.51	2.19	2.52	
5	-2.00	4.00	0.57	0.66	2.76	3.18	
7	-1.50	2.83	0.95	1.10	3.71	4.28	
10	-1.00	2.00	1.41	1.62	5.12	5.90	
14	-0.50	1.41	1.75	2.01	6.87	7.91	
18	0.00	1.00	1.78	2.05	8.64	9.96	
25	0.50	0.71	2.03	2.33	10.67	12.29	
35	1.00	0.50	2.72	3.13	13.40	15.42	
45	1.50	0.35	7.05	8.11	20.44	23.53	
60	2.00	0.25	19.92	22.92	40.36	46.45	
80	2.50	0.18	26.71	30.73	67.07	77.18	
120	3.00	0.13	17.46	20.09	84.52	97.27	
170	3.50	0.09	1.08	1.24	85.60	98.51	
200	3.75	0.07	0.11	0.13	85.71	98.64	
230	4.00	0.06	0.12	0.14	85.84	98.78	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.94	2.67	2.46	2.06	1.53	1.04	-1.28	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.7	0.31	1.24	-1.99	7.02		

<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				<p style="text-align: center;">Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 seappinc.com seapp1@aol.com (321) 254-2708</p>			
Project Name: Juno 2016							
Sample Name: Juno16-09 #9							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-76.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
110.58	110.36	0.50	-0.19	#200 - 0.79 #230 - 0.46		78.64	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	1.26	1.14	1.26	1.14	
4	-2.25	4.76	0.56	0.51	1.83	1.65	
5	-2.00	4.00	0.30	0.27	2.12	1.92	
7	-1.50	2.83	1.20	1.09	3.32	3.01	
10	-1.00	2.00	1.85	1.67	5.17	4.68	
14	-0.50	1.41	2.44	2.21	7.62	6.89	
18	0.00	1.00	2.62	2.37	10.23	9.26	
25	0.50	0.71	3.25	2.93	13.48	12.19	
35	1.00	0.50	4.90	4.43	18.38	16.62	
45	1.50	0.35	8.65	7.82	27.03	24.44	
60	2.00	0.25	25.10	22.70	52.13	47.14	
80	2.50	0.18	32.95	29.79	85.07	76.93	
120	3.00	0.13	16.38	14.81	101.45	91.74	
170	3.50	0.09	8.00	7.23	109.45	98.97	
200	3.75	0.07	0.26	0.24	109.71	99.21	
230	4.00	0.06	0.37	0.33	110.08	99.54	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.23	2.74	2.47	2.05	1.51	0.93	-0.93	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.77	0.29	1.19	-1.63	5.98		

<h2 style="text-align: center;">Granularmetric Report</h2> <p style="text-align: center;">Depths and elevations based on measured values</p>				<p style="text-align: center;">Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 seappinc.com seapp1@aol.com (321) 254-2708</p>			
Project Name: Juno 2016							
Sample Name: Juno16-09 #12							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-79.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
87.88	78.67	6.86	-0.42	#200 - 20.48 #230 - 17.86		67.02	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.09	0.11	0.09	0.11	
4	-2.25	4.76	0.08	0.10	0.18	0.21	
5	-2.00	4.00	0.41	0.46	0.58	0.67	
7	-1.50	2.83	0.72	0.82	1.30	1.49	
10	-1.00	2.00	1.23	1.39	2.53	2.88	
14	-0.50	1.41	1.42	1.61	3.94	4.49	
18	0.00	1.00	1.57	1.79	5.52	6.28	
25	0.50	0.71	2.39	2.72	7.91	9.00	
35	1.00	0.50	3.40	3.87	11.31	12.87	
45	1.50	0.35	6.34	7.21	17.65	20.08	
60	2.00	0.25	9.90	11.27	27.55	31.35	
80	2.50	0.18	10.86	12.36	38.41	43.71	
120	3.00	0.13	23.88	27.18	62.30	70.89	
170	3.50	0.09	6.29	7.15	68.58	78.04	
200	3.75	0.07	1.30	1.48	69.89	79.52	
230	4.00	0.06	2.30	2.62	72.19	82.14	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.29	2.62	1.72	1.22	-0.36	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.04	0.24	1.2	-1.3	4.71		

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Project Name: Juno 2016							
Sample Name: Juno16-09 #Comp 1							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-81.1 NAVD 88	
USCS:		Munsell:		Comments:			
		Dry - 10YR-6/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
87.07	82.17	1.90	-0.10	#200 - 8.60 #230 - 7.72		77.14	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.83	0.95	0.83	0.95	
3.5	-2.50	5.66	1.33	1.53	2.16	2.48	
4	-2.25	4.76	0.23	0.26	2.39	2.74	
5	-2.00	4.00	0.54	0.62	2.93	3.36	
7	-1.50	2.83	1.60	1.84	4.52	5.20	
10	-1.00	2.00	2.54	2.92	7.07	8.12	
14	-0.50	1.41	2.71	3.12	9.78	11.24	
18	0.00	1.00	3.19	3.66	12.97	14.90	
25	0.50	0.71	3.60	4.14	16.57	19.04	
35	1.00	0.50	4.49	5.15	21.06	24.19	
45	1.50	0.35	8.85	10.16	29.91	34.35	
60	2.00	0.25	16.71	19.19	46.62	53.54	
80	2.50	0.18	16.05	18.44	62.68	71.98	
120	3.00	0.13	13.95	16.02	76.63	88.00	
170	3.50	0.09	2.37	2.72	78.99	90.72	
200	3.75	0.07	0.59	0.68	79.59	91.40	
230	4.00	0.06	0.77	0.88	80.35	92.28	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.88	2.59	1.91	1.04	0.13	-1.55	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.43	0.37	1.44	-1.23	4.15		

<b>Granularmetric Report</b> Depths and elevations based on measured values				Scientific Environmental Applications 5575 Willoughby Drive Melbourne, FL 32934 seappinc.com seapp1@aol.com (321) 254-2708			
Project Name: Juno 2016							
Sample Name: Juno16-09 #Comp 2							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
968,199		960,393		Florida State Plane East		-82.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
86.51	84.58	0.48	-0.05	#200 - 3.33 #230 - 2.74		70.82	
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	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	1.93	2.23	1.93	2.23	
3.5	-2.50	5.66	0.65	0.75	2.58	2.98	
4	-2.25	4.76	0.26	0.30	2.84	3.28	
5	-2.00	4.00	1.25	1.44	4.09	4.72	
7	-1.50	2.83	2.01	2.33	6.10	7.05	
10	-1.00	2.00	2.03	2.35	8.13	9.40	
14	-0.50	1.41	3.11	3.60	11.25	13.00	
18	0.00	1.00	3.37	3.89	14.61	16.89	
25	0.50	0.71	3.18	3.67	17.79	20.56	
35	1.00	0.50	4.41	5.10	22.20	25.66	
45	1.50	0.35	9.44	10.91	31.64	36.57	
60	2.00	0.25	19.93	23.04	51.57	59.61	
80	2.50	0.18	18.79	21.72	70.36	81.33	
120	3.00	0.13	7.63	8.82	77.99	90.15	
170	3.50	0.09	5.38	6.22	83.37	96.37	
200	3.75	0.07	0.26	0.30	83.63	96.67	
230	4.00	0.06	0.51	0.59	84.14	97.26	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.39	2.65	2.35	1.79	0.94	-0.11	-1.94	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.35	0.39	1.5	-1.27	4.23		