

<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: Juno16-02 #0.5							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft): <div>967,130</div>		Northing (ft): <div>959,732</div>		Coordinate System: <div>Florida State Plane East</div>		Elevation (ft): <div>-65.4 NAVD 88</div>	
USCS: <div>SW</div>		Munsell: <div>Dry - 10YR-6/0.5</div>		Comments:			
Dry Weight (g): <div>88.15</div>	Wash Weight (g): <div>87.39</div>	Pan Retained (g): <div>0.05</div>	Sieve Loss (%): <div>-0.07</div>	Fines (%): #200 - 1.20 #230 - 0.86	Organics (%):	Carbonates (%): <div>77.48</div>	Shells (%):
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	0.82	0.92	0.81	0.92	
5/16"	-3.00	8.00	0.00	0.00	0.81	0.92	
3.5	-2.50	5.66	0.83	0.94	1.64	1.86	
4	-2.25	4.76	0.02	0.02	1.66	1.88	
5	-2.00	4.00	0.06	0.07	1.72	1.95	
7	-1.50	2.83	0.96	1.08	2.68	3.03	
10	-1.00	2.00	1.65	1.87	4.33	4.90	
14	-0.50	1.41	3.51	3.98	7.84	8.88	
18	0.00	1.00	5.58	6.33	13.42	15.21	
25	0.50	0.71	6.96	7.90	20.38	23.11	
35	1.00	0.50	9.16	10.39	29.54	33.50	
45	1.50	0.35	12.58	14.27	42.12	47.77	
60	2.00	0.25	19.45	22.06	61.57	69.83	
80	2.50	0.18	17.62	19.99	79.19	89.82	
120	3.00	0.13	4.29	4.87	83.48	94.69	
170	3.50	0.09	2.99	3.40	86.48	98.09	
200	3.75	0.07	0.62	0.71	87.10	98.80	
230	4.00	0.06	0.30	0.34	87.40	99.14	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.05	2.35	2.13	1.55	0.59	0.05	-0.99	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.26	0.42	1.26	-1.11	4.94		

Granularmetric Report 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: Juno16-02 #3							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,130		959,732		Florida State Plane East		-67.9 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 (%):
85.37	84.53	0.13	-0.42	#200 - 0.86 #230 - 0.73		81.44	
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	0.80	0.94	0.80	0.94	
3.5	-2.50	5.66	3.03	3.55	3.83	4.49	
4	-2.25	4.76	0.63	0.74	4.47	5.23	
5	-2.00	4.00	1.59	1.86	6.06	7.09	
7	-1.50	2.83	2.12	2.48	8.18	9.57	
10	-1.00	2.00	3.44	4.02	11.61	13.59	
14	-0.50	1.41	6.89	8.07	18.50	21.66	
18	0.00	1.00	10.86	12.71	29.35	34.37	
25	0.50	0.71	11.51	13.48	40.86	47.85	
35	1.00	0.50	10.48	12.28	51.34	60.13	
45	1.50	0.35	10.25	12.00	61.59	72.13	
60	2.00	0.25	11.59	13.58	73.18	85.71	
80	2.50	0.18	8.49	9.94	81.67	95.65	
120	3.00	0.13	2.21	2.59	83.88	98.24	
170	3.50	0.09	0.57	0.67	84.45	98.91	
200	3.75	0.07	0.20	0.23	84.65	99.14	
230	4.00	0.06	0.11	0.13	84.76	99.27	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.47	1.94	1.61	0.59	-0.37	-0.85	-2.33	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.48	0.72	1.41	-0.5	2.85		

Granularmetric Report 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: Juno16-02 #8							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,130		959,732		Florida State Plane East		-72.9 NAVD 88	
USCS:		Munsell:		Comments:			
		Dry - 10YR-6.5/0.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
86.67	84.01	0.69	0.37	#200 - 5.03 #230 - 4.23		68.66	
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	0.00	0.00	0.00	0.00	
4	-2.25	4.76	0.12	0.14	0.12	0.14	
5	-2.00	4.00	0.19	0.22	0.31	0.36	
7	-1.50	2.83	0.24	0.27	0.55	0.63	
10	-1.00	2.00	0.68	0.78	1.23	1.41	
14	-0.50	1.41	1.47	1.70	2.70	3.11	
18	0.00	1.00	3.42	3.95	6.12	7.06	
25	0.50	0.71	6.16	7.10	12.28	14.16	
35	1.00	0.50	11.57	13.34	23.84	27.50	
45	1.50	0.35	18.66	21.53	42.50	49.03	
60	2.00	0.25	19.38	22.36	61.87	71.39	
80	2.50	0.18	12.07	13.92	73.94	85.31	
120	3.00	0.13	3.81	4.40	77.75	89.71	
170	3.50	0.09	4.12	4.75	81.87	94.46	
200	3.75	0.07	0.44	0.51	82.31	94.97	
230	4.00	0.06	0.69	0.80	83.01	95.77	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.76	2.45	2.13	1.52	0.91	0.57	-0.26	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.43	0.37	0.98	-0.34	3.8		

Granularmetric Report 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: Juno16-02 #11							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft): 967,130		Northing (ft): 959,732		Coordinate System: Florida State Plane East		Elevation (ft): -75.9 NAVD 88	
USCS: SW		Munsell: Dry - 10YR-6/0.5		Comments:			
Dry Weight (g): 87.13	Wash Weight (g): 85.47	Pan Retained (g): 0.57	Sieve Loss (%): 0.01	Fines (%): #200 - 2.96 #230 - 2.57	Organics (%):	Carbonates (%): 85.18	Shells (%):
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	0.30	0.34	0.29	0.34	
3.5	-2.50	5.66	0.37	0.42	0.66	0.76	
4	-2.25	4.76	0.54	0.62	1.21	1.38	
5	-2.00	4.00	0.52	0.59	1.72	1.97	
7	-1.50	2.83	1.53	1.76	3.25	3.73	
10	-1.00	2.00	2.13	2.44	5.38	6.17	
14	-0.50	1.41	3.52	4.04	8.90	10.21	
18	0.00	1.00	4.43	5.09	13.33	15.30	
25	0.50	0.71	4.95	5.68	18.28	20.98	
35	1.00	0.50	4.75	5.45	23.04	26.43	
45	1.50	0.35	4.88	5.60	27.91	32.03	
60	2.00	0.25	6.89	7.91	34.80	39.94	
80	2.50	0.18	13.24	15.20	48.04	55.14	
120	3.00	0.13	32.12	36.86	80.16	92.00	
170	3.50	0.09	4.08	4.68	84.24	96.68	
200	3.75	0.07	0.32	0.36	84.55	97.04	
230	4.00	0.06	0.34	0.39	84.89	97.43	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.32	2.89	2.77	2.33	0.87	0.06	-1.24	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.69	0.31	1.43	-1.17	3.49		

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Project Name: Juno 2016							
Sample Name: Juno16-02 #13							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft): <div style="text-align: center;">967,130</div>		Northing (ft): <div style="text-align: center;">959,732</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-77.9 NAVD 88</div>	
USCS:		Munsell: <div style="text-align: center;">Dry - 10YR-6/0.5</div>		Comments:			
Dry Weight (g): <div style="text-align: center;">89.01</div>	Wash Weight (g): <div style="text-align: center;">79.59</div>	Pan Retained (g): <div style="text-align: center;">6.42</div>	Sieve Loss (%): <div style="text-align: center;">-0.46</div>	Fines (%): #200 - 21.35 #230 - 17.34	Organics (%):	Carbonates (%): <div style="text-align: center;">64.23</div>	Shells (%):
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	0.38	0.43	0.38	0.43	
4	-2.25	4.76	0.00	0.00	0.38	0.43	
5	-2.00	4.00	0.22	0.24	0.60	0.67	
7	-1.50	2.83	0.72	0.80	1.31	1.47	
10	-1.00	2.00	0.64	0.72	1.95	2.19	
14	-0.50	1.41	0.70	0.79	2.65	2.98	
18	0.00	1.00	0.91	1.02	3.56	4.00	
25	0.50	0.71	1.16	1.31	4.73	5.31	
35	1.00	0.50	1.77	1.99	6.50	7.30	
45	1.50	0.35	3.07	3.45	9.57	10.75	
60	2.00	0.25	6.23	7.00	15.80	17.75	
80	2.50	0.18	8.91	10.01	24.71	27.76	
120	3.00	0.13	27.63	31.04	52.34	58.80	
170	3.50	0.09	15.83	17.78	68.17	76.58	
200	3.75	0.07	1.84	2.07	70.01	78.65	
230	4.00	0.06	3.57	4.01	73.57	82.66	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.46	2.86	2.36	1.88	0.38	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.45	0.18	1.11	-2.04	8.09		

Granularmetric Report 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: Juno16-02 #Comp 1							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,130		959,732		Florida State Plane East		-78.9 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	85.02	0.61	-0.30	#200 - 4.25 #230 - 3.65		76.37	
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	1.32	1.50	1.32	1.50	
5/16"	-3.00	8.00	1.18	1.35	2.50	2.85	
3.5	-2.50	5.66	1.26	1.43	3.76	4.28	
4	-2.25	4.76	0.39	0.44	4.15	4.72	
5	-2.00	4.00	0.34	0.39	4.49	5.11	
7	-1.50	2.83	1.55	1.76	6.03	6.87	
10	-1.00	2.00	2.11	2.40	8.14	9.27	
14	-0.50	1.41	4.03	4.58	12.17	13.85	
18	0.00	1.00	6.39	7.27	18.56	21.12	
25	0.50	0.71	6.87	7.82	25.43	28.94	
35	1.00	0.50	9.62	10.95	35.05	39.89	
45	1.50	0.35	12.91	14.69	47.97	54.58	
60	2.00	0.25	13.81	15.71	61.77	70.29	
80	2.50	0.18	10.95	12.46	72.72	82.75	
120	3.00	0.13	5.72	6.51	78.44	89.26	
170	3.50	0.09	5.26	5.99	83.71	95.25	
200	3.75	0.07	0.44	0.50	84.14	95.75	
230	4.00	0.06	0.52	0.60	84.67	96.35	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.48	2.60	2.19	1.34	0.25	-0.35	-2.07	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.02	0.49	1.55	-0.93	3.88		

Granularmetric Report 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: Juno16-02 #Comp 2							
Analysis Date: 05-15-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,130		959,732		Florida State Plane East		-79.9 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 (%):
86.42	83.64	0.40	0.05	#200 - 4.17 #230 - 3.74		77.75	
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	1.88	2.18	1.88	2.18	
5/16"	-3.00	8.00	0.97	1.12	2.85	3.30	
3.5	-2.50	5.66	0.00	0.00	2.85	3.30	
4	-2.25	4.76	0.13	0.14	2.98	3.44	
5	-2.00	4.00	0.76	0.88	3.74	4.32	
7	-1.50	2.83	1.45	1.68	5.19	6.00	
10	-1.00	2.00	2.75	3.18	7.94	9.18	
14	-0.50	1.41	5.30	6.14	13.24	15.32	
18	0.00	1.00	7.96	9.21	21.20	24.53	
25	0.50	0.71	9.34	10.80	30.54	35.33	
35	1.00	0.50	11.11	12.85	41.64	48.18	
45	1.50	0.35	13.34	15.44	54.99	63.62	
60	2.00	0.25	13.82	15.99	68.81	79.61	
80	2.50	0.18	9.45	10.93	78.25	90.54	
120	3.00	0.13	3.50	4.05	81.75	94.59	
170	3.50	0.09	0.70	0.81	82.45	95.40	
200	3.75	0.07	0.37	0.43	82.82	95.83	
230	4.00	0.06	0.37	0.43	83.20	96.26	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.25	2.20	1.86	1.06	0.02	-0.46	-1.80	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.76	0.59	1.42	-0.96	4.29		