

<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: Juno16-08 #0.5							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,994		959,476		Florida State Plane East		-67.4 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Dry - 10YR-6.5/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
88.66	88.02	0.11	-0.35	#200 - 0.72 #230 - 0.46		77.05	
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	0.20	0.22	0.20	0.22	
4	-2.25	4.76	0.12	0.13	0.31	0.35	
5	-2.00	4.00	0.33	0.37	0.64	0.72	
7	-1.50	2.83	1.00	1.13	1.64	1.85	
10	-1.00	2.00	1.89	2.13	3.53	3.98	
14	-0.50	1.41	2.98	3.37	6.52	7.35	
18	0.00	1.00	4.07	4.59	10.58	11.94	
25	0.50	0.71	5.06	5.71	15.64	17.65	
35	1.00	0.50	7.59	8.56	23.23	26.21	
45	1.50	0.35	13.17	14.86	36.40	41.07	
60	2.00	0.25	22.89	25.82	59.29	66.89	
80	2.50	0.18	20.71	23.36	80.00	90.25	
120	3.00	0.13	6.16	6.95	86.16	97.20	
170	3.50	0.09	1.32	1.49	87.47	98.69	
200	3.75	0.07	0.52	0.59	87.99	99.28	
230	4.00	0.06	0.23	0.26	88.22	99.54	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.84	2.37	2.17	1.67	0.93	0.36	-0.85	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.42	0.37	1.09	-1.04	4.06		

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: Juno16-08 #3							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,994		959,476		Florida State Plane East		-69.9 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 (%):
86.05	85.31	0.04	-0.29	#200 - 0.74 #230 - 0.62		79.72	
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	2.03	2.36	2.03	2.36	
5/16"	-3.00	8.00	0.00	0.00	2.03	2.36	
3.5	-2.50	5.66	1.09	1.26	3.12	3.62	
4	-2.25	4.76	0.35	0.41	3.47	4.03	
5	-2.00	4.00	0.76	0.88	4.23	4.91	
7	-1.50	2.83	3.17	3.69	7.40	8.60	
10	-1.00	2.00	3.82	4.43	11.22	13.03	
14	-0.50	1.41	6.85	7.95	18.06	20.98	
18	0.00	1.00	9.22	10.72	27.28	31.70	
25	0.50	0.71	7.94	9.23	35.22	40.93	
35	1.00	0.50	9.34	10.86	44.57	51.79	
45	1.50	0.35	12.15	14.12	56.72	65.91	
60	2.00	0.25	15.05	17.49	71.77	83.40	
80	2.50	0.18	10.26	11.93	82.03	95.33	
120	3.00	0.13	1.87	2.17	83.90	97.50	
170	3.50	0.09	1.34	1.55	85.24	99.05	
200	3.75	0.07	0.18	0.21	85.42	99.26	
230	4.00	0.06	0.10	0.12	85.53	99.38	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.49	2.03	1.76	0.92	-0.31	-0.81	-1.99	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.62	0.65	1.47	-0.78	3.43		

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Project Name: Juno 2016							
Sample Name: Juno16-08 #6							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,994		959,476		Florida State Plane East		-72.9 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 (%):
86.51	84.77	0.15	0.18	#200 - 2.49 #230 - 2.36		71.92	
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	1.92	2.22	1.92	2.22	
3.5	-2.50	5.66	0.92	1.06	2.84	3.28	
4	-2.25	4.76	0.38	0.44	3.22	3.72	
5	-2.00	4.00	0.25	0.29	3.48	4.01	
7	-1.50	2.83	1.07	1.23	4.54	5.24	
10	-1.00	2.00	1.05	1.22	5.60	6.46	
14	-0.50	1.41	1.91	2.21	7.51	8.67	
18	0.00	1.00	2.43	2.81	9.94	11.48	
25	0.50	0.71	3.01	3.47	12.94	14.95	
35	1.00	0.50	6.13	7.09	19.07	22.04	
45	1.50	0.35	18.91	21.86	37.98	43.90	
60	2.00	0.25	25.78	29.80	63.76	73.70	
80	2.50	0.18	13.73	15.87	77.49	89.57	
120	3.00	0.13	6.15	7.11	83.64	96.68	
170	3.50	0.09	0.57	0.66	84.21	97.34	
200	3.75	0.07	0.14	0.17	84.35	97.51	
230	4.00	0.06	0.12	0.13	84.47	97.64	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.88	2.32	2.04	1.60	1.07	0.57	-1.60	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.29	0.41	1.26	-1.83	6.74		

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Project Name: Juno 2016							
Sample Name: Juno16-08 #9							
Analysis Date: 05-10-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,994		959,476		Florida State Plane East		-75.9 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 (%):
87.00	84.51	0.43	0.16	#200 - 3.88 #230 - 3.53		70.98	
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	0.48	0.55	0.48	0.55	
3.5	-2.50	5.66	0.51	0.59	0.99	1.14	
4	-2.25	4.76	0.00	0.00	0.99	1.14	
5	-2.00	4.00	0.69	0.80	1.69	1.94	
7	-1.50	2.83	1.32	1.52	3.01	3.46	
10	-1.00	2.00	1.52	1.75	4.53	5.21	
14	-0.50	1.41	1.88	2.16	6.41	7.37	
18	0.00	1.00	1.96	2.25	8.37	9.62	
25	0.50	0.71	2.31	2.66	10.68	12.28	
35	1.00	0.50	4.15	4.76	14.83	17.04	
45	1.50	0.35	11.20	12.88	26.03	29.92	
60	2.00	0.25	27.99	32.18	54.02	62.10	
80	2.50	0.18	19.99	22.97	74.01	85.07	
120	3.00	0.13	6.54	7.52	80.55	92.59	
170	3.50	0.09	2.80	3.22	83.36	95.81	
200	3.75	0.07	0.27	0.31	83.63	96.12	
230	4.00	0.06	0.31	0.35	83.93	96.47	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.37	2.48	2.28	1.81	1.31	0.89	-1.06	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.55	0.34	1.15	-1.67	6.41		

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Project Name: Juno 2016							
Sample Name: Juno16-08 #Comp							
Analysis Date:							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,994		959,476		Florida State Plane East		-77.9 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 (%):
86.66	84.44	0.28	0.17	#200 - 3.53 #230 - 3.06		73.11	
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	1.98	2.28	1.98	2.28	
5/16"	-3.00	8.00	0.00	0.00	1.98	2.28	
3.5	-2.50	5.66	1.58	1.82	3.56	4.10	
4	-2.25	4.76	0.11	0.12	3.66	4.22	
5	-2.00	4.00	0.30	0.34	3.96	4.56	
7	-1.50	2.83	1.54	1.78	5.51	6.34	
10	-1.00	2.00	1.83	2.11	7.33	8.45	
14	-0.50	1.41	3.02	3.48	10.35	11.93	
18	0.00	1.00	3.95	4.56	14.30	16.49	
25	0.50	0.71	3.94	4.55	18.24	21.04	
35	1.00	0.50	6.22	7.18	24.47	28.22	
45	1.50	0.35	12.91	14.89	37.37	43.11	
60	2.00	0.25	22.22	25.64	59.59	68.75	
80	2.50	0.18	15.72	18.13	75.31	86.88	
120	3.00	0.13	3.57	4.12	78.87	91.00	
170	3.50	0.09	4.38	5.05	83.25	96.05	
200	3.75	0.07	0.36	0.42	83.61	96.47	
230	4.00	0.06	0.40	0.47	84.02	96.94	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.40	2.42	2.17	1.63	0.78	-0.05	-1.88	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.21	0.43	1.48	-1.41	5.15		