

<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: Juno16-12 #0.5							
Analysis Date: 05-12-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,960		956,360		Florida State Plane East		-70.3 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 (%):
86.29	85.79	0.06	-0.05	#200 - 1.03 #230 - 0.60		81.92	
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	1.15	1.33	1.15	1.33	
5/16"	-3.00	8.00	0.55	0.63	1.69	1.96	
3.5	-2.50	5.66	1.94	2.24	3.63	4.20	
4	-2.25	4.76	0.12	0.14	3.75	4.34	
5	-2.00	4.00	1.13	1.31	4.88	5.65	
7	-1.50	2.83	2.59	3.00	7.46	8.65	
10	-1.00	2.00	3.10	3.59	10.56	12.24	
14	-0.50	1.41	4.75	5.51	15.31	17.75	
18	0.00	1.00	7.18	8.32	22.50	26.07	
25	0.50	0.71	7.83	9.07	30.32	35.14	
35	1.00	0.50	10.61	12.29	40.93	47.43	
45	1.50	0.35	12.98	15.04	53.91	62.47	
60	2.00	0.25	15.90	18.42	69.81	80.89	
80	2.50	0.18	10.69	12.38	80.49	93.27	
120	3.00	0.13	1.85	2.15	82.34	95.42	
170	3.50	0.09	2.32	2.69	84.66	98.11	
200	3.75	0.07	0.74	0.86	85.40	98.97	
230	4.00	0.06	0.38	0.43	85.78	99.40	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.90	2.13	1.84	1.09	-0.06	-0.66	-2.12	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.78	0.58	1.49	-0.8	3.53		

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: Juno16-12 #3							
Analysis Date: 05-11-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,960		956,360		Florida State Plane East		-72.8 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 (%):
88.23	87.23	0.07	0.26	#200 - 1.55 #230 - 1.47		71.39	
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	0.05	0.06	0.05	0.06	
5	-2.00	4.00	0.38	0.43	0.43	0.49	
7	-1.50	2.83	0.98	1.11	1.41	1.60	
10	-1.00	2.00	1.04	1.18	2.45	2.78	
14	-0.50	1.41	1.59	1.80	4.04	4.58	
18	0.00	1.00	2.24	2.54	6.28	7.12	
25	0.50	0.71	2.89	3.28	9.17	10.40	
35	1.00	0.50	5.44	6.16	14.61	16.56	
45	1.50	0.35	14.46	16.39	29.07	32.95	
60	2.00	0.25	23.29	26.40	52.36	59.35	
80	2.50	0.18	12.60	14.28	64.97	73.63	
120	3.00	0.13	17.84	20.22	82.81	93.85	
170	3.50	0.09	3.90	4.42	86.71	98.27	
200	3.75	0.07	0.16	0.18	86.86	98.45	
230	4.00	0.06	0.07	0.08	86.93	98.53	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.13	2.76	2.53	1.82	1.26	0.95	-0.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.71	0.31	1.03	-1.15	4.78		

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Project Name: Juno 2016							
Sample Name: Juno16-12 #6							
Analysis Date: 05-12-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,960		956,360		Florida State Plane East		-75.8 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 (%):
86.68	85.77	0.07	0.17	#200 - 1.38 #230 - 1.30		72.66	
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	0.06	0.07	0.06	0.07	
4	-2.25	4.76	0.05	0.05	0.10	0.12	
5	-2.00	4.00	0.17	0.19	0.27	0.31	
7	-1.50	2.83	0.53	0.61	0.80	0.92	
10	-1.00	2.00	1.28	1.47	2.08	2.39	
14	-0.50	1.41	2.35	2.71	4.43	5.10	
18	0.00	1.00	3.70	4.26	8.12	9.36	
25	0.50	0.71	5.16	5.96	13.28	15.32	
35	1.00	0.50	9.68	11.17	22.96	26.49	
45	1.50	0.35	21.04	24.27	44.00	50.76	
60	2.00	0.25	27.47	31.69	71.47	82.45	
80	2.50	0.18	6.81	7.85	78.28	90.30	
120	3.00	0.13	1.91	2.21	80.19	92.51	
170	3.50	0.09	5.19	5.99	85.38	98.50	
200	3.75	0.07	0.11	0.12	85.49	98.62	
230	4.00	0.06	0.07	0.08	85.55	98.70	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.21	2.10	1.88	1.48	0.93	0.53	-0.52	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.35	0.39	0.97	-0.6	4.23		

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Project Name: Juno 2016							
Sample Name: Juno16-12 #9							
Analysis Date: 05-12-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,960		956,360		Florida State Plane East		-78.8 NAVD 88	
USCS:		Munsell:		Comments:			
		Dry - 10YR-6/1.5					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
86.37	80.21	0.54	-0.14	#200 - 8.14 #230 - 7.59		63.37	
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	1.73	2.00	1.73	2.00	
5/16"	-3.00	8.00	1.01	1.17	2.73	3.17	
3.5	-2.50	5.66	2.21	2.56	4.94	5.73	
4	-2.25	4.76	1.26	1.46	6.20	7.19	
5	-2.00	4.00	2.06	2.38	8.25	9.57	
7	-1.50	2.83	3.14	3.63	11.39	13.20	
10	-1.00	2.00	3.39	3.93	14.78	17.13	
14	-0.50	1.41	3.52	4.07	18.30	21.20	
18	0.00	1.00	3.04	3.52	21.34	24.72	
25	0.50	0.71	3.02	3.49	24.36	28.21	
35	1.00	0.50	3.67	4.25	28.02	32.46	
45	1.50	0.35	7.49	8.67	35.51	41.13	
60	2.00	0.25	13.53	15.66	49.04	56.79	
80	2.50	0.18	9.66	11.18	58.70	67.97	
120	3.00	0.13	11.68	13.52	70.37	81.49	
170	3.50	0.09	7.94	9.20	78.31	90.69	
200	3.75	0.07	1.01	1.17	79.32	91.86	
230	4.00	0.06	0.47	0.55	79.80	92.41	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.14	2.76	1.78	0.04	-1.14	-2.64	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.07	0.48	1.91	-0.85	2.7		

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Project Name: Juno 2016							
Sample Name: Juno16-12 #Comp							
Analysis Date: 05-12-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,960		956,360		Florida State Plane East		-80.8 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 (%):
86.97	85.77	0.09	-0.03	#200 - 1.62 #230 - 1.47		70.74	
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	2.46	2.83	2.46	2.83	
3.5	-2.50	5.66	1.43	1.64	3.89	4.47	
4	-2.25	4.76	0.50	0.57	4.39	5.04	
5	-2.00	4.00	0.21	0.24	4.60	5.28	
7	-1.50	2.83	1.01	1.16	5.61	6.44	
10	-1.00	2.00	2.06	2.37	7.67	8.81	
14	-0.50	1.41	2.68	3.08	10.36	11.89	
18	0.00	1.00	3.28	3.77	13.63	15.66	
25	0.50	0.71	3.78	4.34	17.41	20.00	
35	1.00	0.50	5.81	6.69	23.22	26.69	
45	1.50	0.35	13.32	15.32	36.54	42.01	
60	2.00	0.25	23.12	26.58	59.66	68.59	
80	2.50	0.18	11.10	12.76	70.76	81.35	
120	3.00	0.13	10.82	12.44	81.58	93.79	
170	3.50	0.09	3.67	4.22	85.25	98.01	
200	3.75	0.07	0.32	0.37	85.57	98.38	
230	4.00	0.06	0.13	0.15	85.70	98.53	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.14	2.61	2.25	1.65	0.87	0.04	-2.27	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.28	0.41	1.47	-1.38	4.75		