

<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: Juno16-20 #0.5							
Analysis Date: 04-17-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,919		961,476		Florida State Plane East		-62.1 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 (%):
87.55	85.99	0.02	-0.03	#200 - 1.83 #230 - 1.79		71.76	
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	0.58	0.66	0.58	0.66	
3.5	-2.50	5.66	0.55	0.63	1.13	1.29	
4	-2.25	4.76	0.08	0.09	1.21	1.38	
5	-2.00	4.00	0.45	0.51	1.66	1.89	
7	-1.50	2.83	1.72	1.96	3.38	3.85	
10	-1.00	2.00	2.37	2.71	5.75	6.56	
14	-0.50	1.41	5.64	6.44	11.39	13.00	
18	0.00	1.00	8.78	10.03	20.17	23.03	
25	0.50	0.71	9.47	10.82	29.64	33.85	
35	1.00	0.50	10.96	12.51	40.60	46.36	
45	1.50	0.35	12.13	13.86	52.73	60.22	
60	2.00	0.25	15.85	18.10	68.58	78.32	
80	2.50	0.18	13.24	15.13	81.82	93.45	
120	3.00	0.13	1.78	2.03	83.60	95.48	
170	3.50	0.09	2.26	2.58	85.86	98.06	
200	3.75	0.07	0.10	0.11	85.96	98.17	
230	4.00	0.06	0.04	0.04	86.00	98.21	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.88	2.19	1.91	1.13	0.09	-0.35	-1.29	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.92	0.53	1.24	-0.61	3.24		

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Project Name: Juno 2016							
Sample Name: Juno16-20 #3							
Analysis Date: 04-17-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,919		961,476		Florida State Plane East		-64.6 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 (%):
87.24	86.28	0.07	0.02	#200 - 1.28 #230 - 1.20		79.60	
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	0.05	0.06	0.05	0.06	
4	-2.25	4.76	0.13	0.15	0.18	0.21	
5	-2.00	4.00	0.26	0.30	0.45	0.51	
7	-1.50	2.83	1.16	1.33	1.61	1.84	
10	-1.00	2.00	1.95	2.24	3.56	4.08	
14	-0.50	1.41	5.03	5.77	8.59	9.85	
18	0.00	1.00	8.98	10.29	17.57	20.14	
25	0.50	0.71	10.48	12.02	28.05	32.16	
35	1.00	0.50	11.58	13.27	39.63	45.43	
45	1.50	0.35	13.54	15.52	53.17	60.95	
60	2.00	0.25	16.75	19.19	69.92	80.14	
80	2.50	0.18	12.70	14.56	82.62	94.70	
120	3.00	0.13	2.86	3.28	85.47	97.98	
170	3.50	0.09	0.51	0.59	85.99	98.57	
200	3.75	0.07	0.13	0.15	86.12	98.72	
230	4.00	0.06	0.07	0.08	86.19	98.80	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.55	2.13	1.87	1.15	0.20	-0.20	-0.92	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.99	0.50	1.09	-0.44	2.67		

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Project Name: Juno 2016							
Sample Name: Juno16-20 #6							
Analysis Date: 04-17-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,919		961,476		Florida State Plane East		-67.6 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 (%):
87.93	87.09	0.08	0.61	#200 - 1.79 #230 - 1.67		87.47	
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	3.85	4.38	3.85	4.38	
5/16"	-3.00	8.00	4.67	5.32	8.52	9.70	
3.5	-2.50	5.66	4.47	5.08	12.99	14.78	
4	-2.25	4.76	1.85	2.11	14.85	16.89	
5	-2.00	4.00	1.44	1.63	16.28	18.52	
7	-1.50	2.83	5.27	5.99	21.55	24.51	
10	-1.00	2.00	6.11	6.94	27.65	31.45	
14	-0.50	1.41	9.32	10.59	36.97	42.04	
18	0.00	1.00	12.44	14.15	49.41	56.19	
25	0.50	0.71	9.93	11.29	59.34	67.48	
35	1.00	0.50	7.96	9.05	67.30	76.53	
45	1.50	0.35	6.73	7.66	74.03	84.19	
60	2.00	0.25	6.47	7.35	80.49	91.54	
80	2.50	0.18	3.94	4.48	84.43	96.02	
120	3.00	0.13	0.63	0.72	85.06	96.74	
170	3.50	0.09	1.17	1.33	86.24	98.07	
200	3.75	0.07	0.13	0.14	86.36	98.21	
230	4.00	0.06	0.11	0.12	86.47	98.33	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.39	1.49	0.92	-0.22	-1.46	-2.36	-3.44	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.38	1.30	1.7	-0.21	2.42		

<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: Juno16-20 #9							
Analysis Date: 04-17-16							
Analyzed By:							
Easting (ft): <div>965,919</div>		Northing (ft): <div>961,476</div>		Coordinate System: <div>Florida State Plane East</div>		Elevation (ft): <div>-71.6 NAVD 88</div>	
USCS: <div>SW</div>		Munsell: <div>Dry - 10YR-6/0.5</div>		Comments:			
Dry Weight (g): <div>88.59</div>	Wash Weight (g): <div>87.42</div>	Pan Retained (g): <div>0.11</div>	Sieve Loss (%): <div>0.47</div>	Fines (%): #200 - 2.05 #230 - 1.93	Organics (%): <div></div>	Carbonates (%): <div>69.57</div>	Shells (%): <div></div>
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	0.93	1.05	0.93	1.05	
3.5	-2.50	5.66	0.00	0.00	0.93	1.05	
4	-2.25	4.76	0.21	0.24	1.14	1.29	
5	-2.00	4.00	0.33	0.37	1.47	1.66	
7	-1.50	2.83	0.35	0.39	1.82	2.05	
10	-1.00	2.00	0.56	0.63	2.37	2.68	
14	-0.50	1.41	1.52	1.71	3.89	4.39	
18	0.00	1.00	3.57	4.03	7.46	8.42	
25	0.50	0.71	8.74	9.86	16.19	18.28	
35	1.00	0.50	16.21	18.30	32.40	36.58	
45	1.50	0.35	21.78	24.58	54.18	61.16	
60	2.00	0.25	19.49	22.00	73.67	83.16	
80	2.50	0.18	9.63	10.87	83.30	94.03	
120	3.00	0.13	3.06	3.45	86.36	97.48	
170	3.50	0.09	0.33	0.37	86.69	97.85	
200	3.75	0.07	0.09	0.10	86.78	97.95	
230	4.00	0.06	0.11	0.12	86.88	98.07	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.64	2.04	1.81	1.27	0.68	0.38	-0.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.15	0.45	0.97	-1.36	7.17		

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Project Name: Juno 2016							
Sample Name: Juno16-20 #Comp							
Analysis Date: 04-17-16							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,919		961,476		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 (%):
87.25	85.91	0.26	0.35	#200 - 2.35 #230 - 2.18		78.07	
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	2.00	2.29	2.00	2.29	
3.5	-2.50	5.66	2.42	2.77	4.42	5.06	
4	-2.25	4.76	0.29	0.33	4.71	5.39	
5	-2.00	4.00	0.55	0.63	5.25	6.02	
7	-1.50	2.83	1.46	1.68	6.72	7.70	
10	-1.00	2.00	3.21	3.68	9.93	11.38	
14	-0.50	1.41	5.84	6.69	15.77	18.07	
18	0.00	1.00	9.23	10.57	25.00	28.64	
25	0.50	0.71	10.15	11.64	35.15	40.28	
35	1.00	0.50	12.56	14.39	47.71	54.67	
45	1.50	0.35	13.15	15.07	60.85	69.74	
60	2.00	0.25	13.86	15.88	74.71	85.62	
80	2.50	0.18	7.86	9.00	82.57	94.62	
120	3.00	0.13	2.13	2.44	84.69	97.06	
170	3.50	0.09	0.38	0.44	85.08	97.50	
200	3.75	0.07	0.13	0.15	85.20	97.65	
230	4.00	0.06	0.14	0.17	85.35	97.82	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.58	1.95	1.67	0.84	-0.17	-0.65	-2.51	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.59	0.66	1.38	-0.81	3.49		