

<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 Historic							
Sample Name: JC-05 #0.5							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft): <div style="text-align: center;">965,627</div>		Northing (ft): <div style="text-align: center;">962,094</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-60.5 NAVD 88</div>	
USCS: <div style="text-align: center;">SW</div>		Munsell:		Comments:			
Dry Weight (g): <div style="text-align: center;">29.91</div>	Wash Weight (g): <div style="text-align: center;">29.34</div>	Pan Retained (g): <div style="text-align: center;">0.02</div>	Sieve Loss (%): <div style="text-align: center;">0.00</div>	Fines (%): <div style="text-align: center;">#200 - 1.96</div>	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
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	
5	-2.00	4.00	0.11	0.37	0.11	0.37	
7	-1.50	2.83	1.13	3.78	1.24	4.15	
10	-1.00	2.00	1.62	5.42	2.86	9.57	
14	-0.50	1.41	2.57	8.59	5.43	18.16	
18	0.00	1.00	3.74	12.50	9.17	30.66	
25	0.50	0.71	4.50	15.05	13.67	45.71	
35	1.00	0.50	4.10	13.71	17.77	59.42	
45	1.50	0.35	3.66	12.24	21.43	71.66	
60	2.00	0.25	3.68	12.30	25.11	83.96	
80	2.50	0.18	3.04	10.16	28.15	94.12	
120	3.00	0.13	0.72	2.41	28.87	96.53	
170	3.50	0.09	0.37	1.24	29.24	97.77	
200	3.75	0.07	0.08	0.27	29.32	98.04	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.68	2.00	1.64	0.66	-0.23	-0.63	-1.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.63	0.65	1.2	-0.07	2.35		

<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 Historic							
Sample Name: JC-05 #3.0							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft): <b>965,627</b>		Northing (ft): <b>962,094</b>		Coordinate System: <b>Florida State Plane East</b>		Elevation (ft): <b>-63.0 NAVD 88</b>	
USCS: <b>SW</b>		Munsell:		Comments:			
Dry Weight (g): <b>30.60</b>	Wash Weight (g): <b>30.00</b>	Pan Retained (g): <b>0.05</b>	Sieve Loss (%): <b>-0.03</b>	Fines (%): <b>#200 - 2.08</b>	Organics (%):	Carbonates (%):	Shells (%):
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	0.71	2.32	0.71	2.32	
5/16"	-3.00	8.00	0.00	0.00	0.71	2.32	
3.5	-2.50	5.66	1.31	4.28	2.02	6.60	
5	-2.00	4.00	2.15	7.03	4.17	13.63	
7	-1.50	2.83	1.99	6.50	6.16	20.13	
10	-1.00	2.00	2.18	7.12	8.34	27.25	
14	-0.50	1.41	2.52	8.24	10.86	35.49	
18	0.00	1.00	3.20	10.46	14.06	45.95	
25	0.50	0.71	3.59	11.73	17.65	57.68	
35	1.00	0.50	2.57	8.40	20.22	66.08	
45	1.50	0.35	2.83	9.25	23.05	75.33	
60	2.00	0.25	3.16	10.33	26.21	85.66	
80	2.50	0.18	2.48	8.10	28.69	93.76	
120	3.00	0.13	0.92	3.01	29.61	96.77	
170	3.50	0.09	0.28	0.92	29.89	97.69	
200	3.75	0.07	0.07	0.23	29.96	97.92	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.71	1.92	1.48	0.17	-1.16	-1.82	-2.87	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.04	0.97	1.64	-0.23	2.27		

<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 Historic							
Sample Name: JC-05 #7.0							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,627		962,094		Florida State Plane East		-67.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
36.38	35.53	0.01	0.00	#200 - 2.38			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
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	0.47	1.29	0.47	1.29	
3.5	-2.50	5.66	0.08	0.22	0.55	1.51	
5	-2.00	4.00	0.25	0.69	0.80	2.20	
7	-1.50	2.83	0.43	1.18	1.23	3.38	
10	-1.00	2.00	0.79	2.17	2.02	5.55	
14	-0.50	1.41	1.54	4.23	3.56	9.78	
18	0.00	1.00	2.72	7.48	6.28	17.26	
25	0.50	0.71	4.18	11.49	10.46	28.75	
35	1.00	0.50	5.78	15.89	16.24	44.64	
45	1.50	0.35	7.03	19.32	23.27	63.96	
60	2.00	0.25	6.80	18.69	30.07	82.65	
80	2.50	0.18	3.93	10.80	34.00	93.45	
120	3.00	0.13	1.30	3.57	35.30	97.02	
170	3.50	0.09	0.19	0.52	35.49	97.54	
200	3.75	0.07	0.03	0.08	35.52	97.62	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.72	2.06	1.80	1.14	0.34	-0.08	-1.13	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.94	0.52	1.15	-1	4.58		

<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 Historic							
Sample Name: JC-05 #12.0							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,627		962,094		Florida State Plane East		-72.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
27.00	26.47	0.03	-0.11	#200 - 1.98			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
11/16"	-3.50	11.31	1.79	6.63	1.79	6.63	
5/16"	-3.00	8.00	2.35	8.70	4.14	15.33	
3.5	-2.50	5.66	0.44	1.63	4.58	16.96	
5	-2.00	4.00	0.36	1.33	4.94	18.29	
7	-1.50	2.83	0.12	0.44	5.06	18.73	
10	-1.00	2.00	0.39	1.44	5.45	20.17	
14	-0.50	1.41	0.75	2.78	6.20	22.95	
18	0.00	1.00	1.92	7.11	8.12	30.06	
25	0.50	0.71	3.96	14.67	12.08	44.73	
35	1.00	0.50	3.85	14.26	15.93	58.99	
45	1.50	0.35	4.35	16.11	20.28	75.10	
60	2.00	0.25	3.61	13.37	23.89	88.47	
80	2.50	0.18	1.37	5.07	25.26	93.54	
120	3.00	0.13	0.89	3.30	26.15	96.84	
170	3.50	0.09	0.19	0.70	26.34	97.54	
200	3.75	0.07	0.13	0.48	26.47	98.02	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.72	1.83	1.50	0.68	-0.36	-2.79	-3.62	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.16	0.90	1.88	-0.9	2.76		

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Project Name: Juno Historic							
Sample Name: JC-05 #16.0							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,627		962,094		Florida State Plane East		-76.0 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
30.62	28.64	0.02	-0.07	#200 - 6.46			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	2.93	9.57	2.93	9.57	
11/16"	-3.50	11.31	0.00	0.00	2.93	9.57	
5/16"	-3.00	8.00	0.00	0.00	2.93	9.57	
3.5	-2.50	5.66	0.11	0.36	3.04	9.93	
5	-2.00	4.00	0.88	2.87	3.92	12.80	
7	-1.50	2.83	0.77	2.51	4.69	15.31	
10	-1.00	2.00	0.85	2.78	5.54	18.09	
14	-0.50	1.41	1.55	5.06	7.09	23.15	
18	0.00	1.00	1.96	6.40	9.05	29.55	
25	0.50	0.71	2.89	9.44	11.94	38.99	
35	1.00	0.50	3.03	9.90	14.97	48.89	
45	1.50	0.35	3.67	11.99	18.64	60.88	
60	2.00	0.25	3.25	10.61	21.89	71.49	
80	2.50	0.18	1.95	6.37	23.84	77.86	
120	3.00	0.13	3.68	12.02	27.52	89.88	
170	3.50	0.09	0.98	3.20	28.50	93.08	
200	3.75	0.07	0.14	0.46	28.64	93.54	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.76	2.28	1.05	-0.36	-1.38		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.44	0.74	1.45	0.64	2.35		

<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 Historic							
Sample Name: JC-05 #Comp							
Analysis Date: 01-18-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,627		962,094		Florida State Plane East		-77.5 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
38.49	36.32	0.03	0.00	#200 - 5.72			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
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	0.18	0.47	0.18	0.47	
5	-2.00	4.00	0.20	0.52	0.38	0.99	
7	-1.50	2.83	0.33	0.86	0.71	1.85	
10	-1.00	2.00	0.54	1.40	1.25	3.25	
14	-0.50	1.41	0.91	2.36	2.16	5.61	
18	0.00	1.00	1.68	4.36	3.84	9.97	
25	0.50	0.71	3.66	9.51	7.50	19.48	
35	1.00	0.50	6.12	15.90	13.62	35.38	
45	1.50	0.35	7.93	20.60	21.55	55.98	
60	2.00	0.25	7.21	18.73	28.76	74.71	
80	2.50	0.18	4.19	10.89	32.95	85.60	
120	3.00	0.13	2.69	6.99	35.64	92.59	
170	3.50	0.09	0.49	1.27	36.13	93.86	
200	3.75	0.07	0.16	0.42	36.29	94.28	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.43	2.01	1.35	0.67	0.32	-0.63	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.21	0.43	1.04	-0.72	4.18		