

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 Historic							
Sample Name: JC-07 #0.5							
Analysis Date: 01-22-00							
Analyzed By:							
Easting (ft): <div style="text-align: center;">966,415</div>		Northing (ft): <div style="text-align: center;">963,020</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-61.9 NAVD 88</div>	
USCS:		Munsell:		Comments:			
Dry Weight (g): <div style="text-align: center;">52.19</div>	Wash Weight (g): <div style="text-align: center;">52.19</div>	Pan Retained (g): <div style="text-align: center;">0.02</div>	Sieve Loss (%): <div style="text-align: center;">-0.02</div>	Fines (%): <div style="text-align: center;">#200 - 0.01</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	6.23	11.94	6.23	11.94	
11/16"	-3.50	11.31	0.00	0.00	6.23	11.94	
5/16"	-3.00	8.00	0.73	1.40	6.96	13.34	
3.5	-2.50	5.66	0.15	0.29	7.11	13.63	
5	-2.00	4.00	0.87	1.67	7.98	15.30	
7	-1.50	2.83	1.60	3.07	9.58	18.37	
10	-1.00	2.00	2.53	4.85	12.11	23.22	
14	-0.50	1.41	3.32	6.36	15.43	29.58	
18	0.00	1.00	5.71	10.94	21.14	40.52	
25	0.50	0.71	6.55	12.55	27.69	53.07	
35	1.00	0.50	5.08	9.73	32.77	62.80	
45	1.50	0.35	5.86	11.23	38.63	74.03	
60	2.00	0.25	6.81	13.05	45.44	87.08	
80	2.50	0.18	5.10	9.77	50.54	96.85	
120	3.00	0.13	1.30	2.49	51.84	99.34	
170	3.50	0.09	0.24	0.46	52.08	99.80	
200	3.75	0.07	0.10	0.19	52.18	99.99	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.41	1.88	1.54	0.38	-0.86	-1.89		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0	1.00	1.37	0.73	2.56		

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Project Name: Juno Historic							
Sample Name: JC-07 #4.0							
Analysis Date: 01-22-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,415		963,020		Florida State Plane East		-65.4 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
43.31	43.31	0.02	-0.02	#200 - 0.02			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	9.22	21.29	9.22	21.29	
11/16"	-3.50	11.31	0.00	0.00	9.22	21.29	
5/16"	-3.00	8.00	0.00	0.00	9.22	21.29	
3.5	-2.50	5.66	0.00	0.00	9.22	21.29	
5	-2.00	4.00	0.19	0.44	9.41	21.73	
7	-1.50	2.83	0.82	1.89	10.23	23.62	
10	-1.00	2.00	2.06	4.76	12.29	28.38	
14	-0.50	1.41	3.68	8.50	15.97	36.88	
18	0.00	1.00	3.63	8.38	19.60	45.26	
25	0.50	0.71	4.54	10.48	24.14	55.74	
35	1.00	0.50	5.22	12.05	29.36	67.79	
45	1.50	0.35	5.27	12.17	34.63	79.96	
60	2.00	0.25	4.68	10.81	39.31	90.77	
80	2.50	0.18	3.21	7.41	42.52	98.18	
120	3.00	0.13	0.66	1.52	43.18	99.70	
170	3.50	0.09	0.09	0.21	43.27	99.91	
200	3.75	0.07	0.03	0.07	43.30	99.98	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.29	1.69	1.30	0.23	-1.36			
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.42	1.34	1.37	1.5	2.73		

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Project Name: Juno Historic							
Sample Name: JC-07 #8.0							
Analysis Date: 01-22-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,415		963,020		Florida State Plane East		-69.4 NAVD 88	
USCS:		Munsell:		Comments:			
SP							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
44.81	44.33	0.03	0.02	#200 - 1.15			
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	0.00	0.00	0.00	0.00	
7	-1.50	2.83	0.07	0.16	0.07	0.16	
10	-1.00	2.00	0.36	0.80	0.43	0.96	
14	-0.50	1.41	0.78	1.74	1.21	2.70	
18	0.00	1.00	1.94	4.33	3.15	7.03	
25	0.50	0.71	5.75	12.83	8.90	19.86	
35	1.00	0.50	7.58	16.92	16.48	36.78	
45	1.50	0.35	10.26	22.90	26.74	59.68	
60	2.00	0.25	9.16	20.44	35.90	80.12	
80	2.50	0.18	5.26	11.74	41.16	91.86	
120	3.00	0.13	2.89	6.45	44.05	98.31	
170	3.50	0.09	0.20	0.45	44.25	98.76	
200	3.75	0.07	0.04	0.09	44.29	98.85	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.74	2.17	1.87	1.29	0.65	0.35	-0.23	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.24	0.42	0.86	-0.27	2.95		

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Project Name: Juno Historic							
Sample Name: JC-07 #12.0							
Analysis Date: 01-22-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,415		963,020		Florida State Plane East		-73.4 NAVD 88	
USCS:		Munsell:		Comments:			
SP							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
50.36	49.52	0.15	-0.04	#200 - 1.94			
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	2.49	4.94	2.49	4.94	
5/16"	-3.00	8.00	0.00	0.00	2.49	4.94	
3.5	-2.50	5.66	0.36	0.71	2.85	5.65	
5	-2.00	4.00	0.20	0.40	3.05	6.05	
7	-1.50	2.83	0.33	0.66	3.38	6.71	
10	-1.00	2.00	0.36	0.71	3.74	7.42	
14	-0.50	1.41	0.60	1.19	4.34	8.61	
18	0.00	1.00	1.34	2.66	5.68	11.27	
25	0.50	0.71	3.48	6.91	9.16	18.18	
35	1.00	0.50	6.91	13.72	16.07	31.90	
45	1.50	0.35	10.24	20.33	26.31	52.23	
60	2.00	0.25	10.63	21.11	36.94	73.34	
80	2.50	0.18	8.06	16.00	45.00	89.34	
120	3.00	0.13	3.77	7.49	48.77	96.83	
170	3.50	0.09	0.48	0.95	49.25	97.78	
200	3.75	0.07	0.14	0.28	49.39	98.06	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.88	2.33	2.05	1.45	0.75	0.34	-3.42	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.12	0.46	1.47	-1.91	6.91		

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Project Name: Juno Historic							
Sample Name: JC-07 #Comp							
Analysis Date: 01-22-00							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,415		963,020		Florida State Plane East		-75.4 NAVD 88	
USCS:		Munsell:		Comments:			
SP							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
47.58	47.11	0.03	-0.04	#200 - 1.01			
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	5.09	10.70	5.09	10.70	
11/16"	-3.50	11.31	0.00	0.00	5.09	10.70	
5/16"	-3.00	8.00	0.46	0.97	5.55	11.67	
3.5	-2.50	5.66	0.32	0.67	5.87	12.34	
5	-2.00	4.00	0.25	0.53	6.12	12.87	
7	-1.50	2.83	0.90	1.89	7.02	14.76	
10	-1.00	2.00	1.32	2.77	8.34	17.53	
14	-0.50	1.41	2.57	5.40	10.91	22.93	
18	0.00	1.00	3.25	6.83	14.16	29.76	
25	0.50	0.71	4.71	9.90	18.87	39.66	
35	1.00	0.50	6.44	13.53	25.31	53.19	
45	1.50	0.35	7.66	16.10	32.97	69.29	
60	2.00	0.25	7.36	15.47	40.33	84.76	
80	2.50	0.18	5.02	10.55	45.35	95.31	
120	3.00	0.13	1.49	3.13	46.84	98.44	
170	3.50	0.09	0.21	0.44	47.05	98.88	
200	3.75	0.07	0.05	0.11	47.10	98.99	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.49	1.98	1.68	0.88	-0.35	-1.28		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.3	0.81	1.26	0.48	2.71		