

<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: PB-96-C56 #0.5							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-69.7 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
42.13	42.13	0.01	0.05	#200 - 0.06		63.00	
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	5.40	12.82	5.40	12.82	
11/16"	-3.50	11.31	0.00	0.00	5.40	12.82	
5/16"	-3.00	8.00	2.36	5.60	7.76	18.42	
3.5	-2.50	5.66	0.94	2.23	8.70	20.65	
5	-2.00	4.00	0.87	2.07	9.57	22.72	
7	-1.50	2.83	0.56	1.33	10.13	24.05	
10	-1.00	2.00	1.34	3.18	11.47	27.23	
14	-0.50	1.41	2.35	5.58	13.82	32.81	
18	0.00	1.00	3.15	7.48	16.97	40.29	
25	0.50	0.71	3.71	8.81	20.68	49.10	
35	1.00	0.50	3.95	9.38	24.63	58.48	
45	1.50	0.35	4.16	9.87	28.79	68.35	
60	2.00	0.25	7.17	17.02	35.96	85.37	
80	2.50	0.18	4.99	11.84	40.95	97.21	
120	3.00	0.13	0.90	2.14	41.85	99.35	
170	3.50	0.09	0.20	0.47	42.05	99.82	
200	3.75	0.07	0.05	0.12	42.10	99.94	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.41	1.96	1.70	0.55	-1.35	-3.43		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.1	1.07	1.63	0.27	2.2		

<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: PB-96-C56 #2.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-71.2 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
32.20	31.93	0.00	0.03	#200 - 0.88		60.70	
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	3.73	11.58	3.73	11.58	
11/16"	-3.50	11.31	0.69	2.14	4.42	13.72	
5/16"	-3.00	8.00	0.15	0.47	4.57	14.19	
3.5	-2.50	5.66	1.08	3.35	5.65	17.54	
5	-2.00	4.00	0.58	1.80	6.23	19.34	
7	-1.50	2.83	0.90	2.80	7.13	22.14	
10	-1.00	2.00	1.18	3.66	8.31	25.80	
14	-0.50	1.41	1.67	5.19	9.98	30.99	
18	0.00	1.00	2.38	7.39	12.36	38.38	
25	0.50	0.71	3.16	9.81	15.52	48.19	
35	1.00	0.50	3.27	10.16	18.79	58.35	
45	1.50	0.35	3.25	10.09	22.04	68.44	
60	2.00	0.25	4.96	15.40	27.00	83.84	
80	2.50	0.18	3.64	11.30	30.64	95.14	
120	3.00	0.13	0.94	2.92	31.58	98.06	
170	3.50	0.09	0.26	0.81	31.84	98.87	
200	3.75	0.07	0.08	0.25	31.92	99.12	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.49	2.01	1.71	0.59	-1.11	-2.73		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.01	1.01	1.58	0.25	2.44		

<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: PB-96-C56 #5.0							
Analysis Date: 07-27-95							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-74.2 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
34.72	34.72	0.00	0.00	#200 - 0.01		52.70	
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	0.04	0.12	0.04	0.12	
5	-2.00	4.00	0.16	0.46	0.20	0.58	
7	-1.50	2.83	0.26	0.75	0.46	1.33	
10	-1.00	2.00	0.48	1.38	0.94	2.71	
14	-0.50	1.41	0.91	2.62	1.85	5.33	
18	0.00	1.00	2.47	7.11	4.32	12.44	
25	0.50	0.71	3.01	8.67	7.33	21.11	
35	1.00	0.50	4.88	14.06	12.21	35.17	
45	1.50	0.35	6.48	18.66	18.69	53.83	
60	2.00	0.25	8.00	23.04	26.69	76.87	
80	2.50	0.18	2.49	7.17	29.18	84.04	
120	3.00	0.13	4.41	12.70	33.59	96.74	
170	3.50	0.09	1.08	3.11	34.67	99.85	
200	3.75	0.07	0.05	0.14	34.72	99.99	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.93	2.50	1.96	1.40	0.64	0.21	-0.56	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.3	0.41	1.08	-0.49	3.26		

<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: PB-96-C56 #8.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-77.2 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
37.70	37.04	0.01	-0.03	#200 - 1.74		42.90	
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	0.44	1.17	0.44	1.17	
5	-2.00	4.00	0.09	0.24	0.53	1.41	
7	-1.50	2.83	0.76	2.02	1.29	3.43	
10	-1.00	2.00	1.01	2.68	2.30	6.11	
14	-0.50	1.41	1.41	3.74	3.71	9.85	
18	0.00	1.00	1.65	4.38	5.36	14.23	
25	0.50	0.71	2.65	7.03	8.01	21.26	
35	1.00	0.50	4.22	11.19	12.23	32.45	
45	1.50	0.35	8.98	23.82	21.21	56.27	
60	2.00	0.25	9.92	26.31	31.13	82.58	
80	2.50	0.18	1.54	4.08	32.67	86.66	
120	3.00	0.13	2.94	7.80	35.61	94.46	
170	3.50	0.09	1.25	3.32	36.86	97.78	
200	3.75	0.07	0.18	0.48	37.04	98.26	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.08	2.17	1.86	1.37	0.67	0.13	-1.21	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.17	0.44	1.17	-0.85	4.1		

<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: PB-96-C56 #11.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-80.2 NAVD 88	
USCS:		Munsell:		Comments:			
SP							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
31.70	31.42	0.00	-0.03	#200 - 0.86		45.20	
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	0.61	1.92	0.61	1.92	
3.5	-2.50	5.66	0.00	0.00	0.61	1.92	
5	-2.00	4.00	0.00	0.00	0.61	1.92	
7	-1.50	2.83	0.17	0.54	0.78	2.46	
10	-1.00	2.00	0.28	0.88	1.06	3.34	
14	-0.50	1.41	0.39	1.23	1.45	4.57	
18	0.00	1.00	0.51	1.61	1.96	6.18	
25	0.50	0.71	1.02	3.22	2.98	9.40	
35	1.00	0.50	2.94	9.27	5.92	18.67	
45	1.50	0.35	9.50	29.97	15.42	48.64	
60	2.00	0.25	13.20	41.64	28.62	90.28	
80	2.50	0.18	1.38	4.35	30.00	94.63	
120	3.00	0.13	0.78	2.46	30.78	97.09	
170	3.50	0.09	0.61	1.92	31.39	99.01	
200	3.75	0.07	0.04	0.13	31.43	99.14	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.58	1.92	1.82	1.52	1.11	0.86	-0.37	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.33	0.40	0.96	-2.39	12.03		

<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: PB-96-C56 #15.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-84.2 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
29.21	24.08	0.08	0.00	#200 - 17.84		60.10	
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	0.61	2.09	0.61	2.09	
3.5	-2.50	5.66	1.50	5.14	2.11	7.23	
5	-2.00	4.00	0.17	0.58	2.28	7.81	
7	-1.50	2.83	0.46	1.57	2.74	9.38	
10	-1.00	2.00	0.14	0.48	2.88	9.86	
14	-0.50	1.41	0.18	0.62	3.06	10.48	
18	0.00	1.00	0.19	0.65	3.25	11.13	
25	0.50	0.71	0.31	1.06	3.56	12.19	
35	1.00	0.50	0.18	0.62	3.74	12.81	
45	1.50	0.35	0.54	1.85	4.28	14.66	
60	2.00	0.25	0.53	1.81	4.81	16.47	
80	2.50	0.18	0.60	2.05	5.41	18.52	
120	3.00	0.13	3.87	13.25	9.28	31.77	
170	3.50	0.09	12.56	43.00	21.84	74.77	
200	3.75	0.07	2.16	7.39	24.00	82.16	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
		3.51	3.21	2.74	1.87	-2.72	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.28	0.21	1.95	-1.92	5.19		

<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: PB-96-C56 #18.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-87.2 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
13.11	9.32	0.07	0.00	#200 - 29.47		88.20	
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	1.23	9.38	1.23	9.38	
5/16"	-3.00	8.00	0.62	4.73	1.85	14.11	
3.5	-2.50	5.66	0.37	2.82	2.22	16.93	
5	-2.00	4.00	0.63	4.80	2.85	21.73	
7	-1.50	2.83	0.24	1.83	3.09	23.56	
10	-1.00	2.00	0.27	2.06	3.36	25.62	
14	-0.50	1.41	0.20	1.53	3.56	27.15	
18	0.00	1.00	0.26	1.98	3.82	29.13	
25	0.50	0.71	0.29	2.21	4.11	31.34	
35	1.00	0.50	0.45	3.43	4.56	34.77	
45	1.50	0.35	0.55	4.19	5.11	38.96	
60	2.00	0.25	0.60	4.58	5.71	43.54	
80	2.50	0.18	0.56	4.27	6.27	47.81	
120	3.00	0.13	0.79	6.02	7.06	53.83	
170	3.50	0.09	1.29	9.84	8.35	63.67	
200	3.75	0.07	0.90	6.86	9.25	70.53	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
			2.68	-1.15	-2.66	-3.73	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.32	0.80	2.7	-0.3	1.52		

<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: PB-96-C56 #Comp							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,958		957,047		Florida State Plane East		-88.2 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
35.01	30.47	0.02	-0.03	#200 - 13.00		61.00	
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	1.25	3.57	1.25	3.57	
3.5	-2.50	5.66	0.51	1.46	1.76	5.03	
5	-2.00	4.00	0.37	1.06	2.13	6.09	
7	-1.50	2.83	0.44	1.26	2.57	7.35	
10	-1.00	2.00	0.54	1.54	3.11	8.89	
14	-0.50	1.41	0.79	2.26	3.90	11.15	
18	0.00	1.00	1.12	3.20	5.02	14.35	
25	0.50	0.71	1.72	4.91	6.74	19.26	
35	1.00	0.50	2.82	8.05	9.56	27.31	
45	1.50	0.35	5.06	14.45	14.62	41.76	
60	2.00	0.25	6.48	18.51	21.10	60.27	
80	2.50	0.18	2.06	5.88	23.16	66.15	
120	3.00	0.13	2.89	8.25	26.05	74.40	
170	3.50	0.09	3.64	10.40	29.69	84.80	
200	3.75	0.07	0.77	2.20	30.46	87.00	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.46	3.03	1.72	0.86	0.17	-2.51	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.27	0.41	1.65	-1.1	3.98		