

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: PB-96-C62 #0.5							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-66.6 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
34.87	34.87	0.02	-0.03	#200 - 0.03		83.20	
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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.68	1.95	0.68	1.95	
5	-2.00	4.00	0.77	2.21	1.45	4.16	
7	-1.50	2.83	1.61	4.62	3.06	8.78	
10	-1.00	2.00	2.01	5.76	5.07	14.54	
14	-0.50	1.41	3.21	9.21	8.28	23.75	
18	0.00	1.00	4.23	12.13	12.51	35.88	
25	0.50	0.71	4.24	12.16	16.75	48.04	
35	1.00	0.50	4.69	13.45	21.44	61.49	
45	1.50	0.35	4.06	11.64	25.50	73.13	
60	2.00	0.25	4.89	14.02	30.39	87.15	
80	2.50	0.18	3.41	9.78	33.80	96.93	
120	3.00	0.13	0.78	2.24	34.58	99.17	
170	3.50	0.09	0.20	0.57	34.78	99.74	
200	3.75	0.07	0.08	0.23	34.86	99.97	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.40	1.89	1.57	0.57	-0.45	-0.92	-1.91	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.48	0.72	1.33	-0.33	2.47		

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: PB-96-C62 #2.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-68.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
36.70	36.45	0.00	0.03	#200 - 0.72		87.50	
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	0.54	1.47	0.54	1.47	
7	-1.50	2.83	1.45	3.95	1.99	5.42	
10	-1.00	2.00	3.46	9.43	5.45	14.85	
14	-0.50	1.41	6.90	18.80	12.35	33.65	
18	0.00	1.00	6.61	18.01	18.96	51.66	
25	0.50	0.71	4.91	13.38	23.87	65.04	
35	1.00	0.50	3.29	8.96	27.16	74.00	
45	1.50	0.35	2.57	7.00	29.73	81.00	
60	2.00	0.25	3.29	8.96	33.02	89.96	
80	2.50	0.18	2.00	5.45	35.02	95.41	
120	3.00	0.13	0.91	2.48	35.93	97.89	
170	3.50	0.09	0.14	0.38	36.07	98.27	
200	3.75	0.07	0.37	1.01	36.44	99.28	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.46	1.67	1.07	-0.05	-0.73	-0.97	-1.55	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.18	0.88	1.23	0.51	2.66		

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Project Name: Juno Historic							
Sample Name: PB-96-C62 #4.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-71.1 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
31.98	31.14	0.02	0.00	#200 - 2.68		94.70	
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	2.80	8.76	2.80	8.76	
11/16"	-3.50	11.31	4.47	13.98	7.27	22.74	
5/16"	-3.00	8.00	3.76	11.76	11.03	34.50	
3.5	-2.50	5.66	1.24	3.88	12.27	38.38	
5	-2.00	4.00	1.54	4.82	13.81	43.20	
7	-1.50	2.83	1.26	3.94	15.07	47.14	
10	-1.00	2.00	1.04	3.25	16.11	50.39	
14	-0.50	1.41	1.30	4.06	17.41	54.45	
18	0.00	1.00	1.30	4.06	18.71	58.51	
25	0.50	0.71	1.42	4.44	20.13	62.95	
35	1.00	0.50	1.64	5.13	21.77	68.08	
45	1.50	0.35	1.92	6.00	23.69	74.08	
60	2.00	0.25	3.35	10.48	27.04	84.56	
80	2.50	0.18	2.68	8.38	29.72	92.94	
120	3.00	0.13	0.89	2.78	30.61	95.72	
170	3.50	0.09	0.39	1.22	31.00	96.94	
200	3.75	0.07	0.12	0.38	31.12	97.32	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.87	1.97	1.54	-1.06	-3.40	-3.74		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-1.05	2.07	2.23	0.46	1.72		

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Project Name: Juno Historic							
Sample Name: PB-96-C62 #7.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-73.1 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
32.50	32.00	0.00	0.00	#200 - 1.53		89.00	
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	1.57	4.83	1.57	4.83	
5/16"	-3.00	8.00	2.44	7.51	4.01	12.34	
3.5	-2.50	5.66	2.14	6.58	6.15	18.92	
5	-2.00	4.00	1.45	4.46	7.60	23.38	
7	-1.50	2.83	2.49	7.66	10.09	31.04	
10	-1.00	2.00	2.41	7.42	12.50	38.46	
14	-0.50	1.41	3.57	10.98	16.07	49.44	
18	0.00	1.00	3.28	10.09	19.35	59.53	
25	0.50	0.71	2.68	8.25	22.03	67.78	
35	1.00	0.50	2.15	6.62	24.18	74.40	
45	1.50	0.35	2.15	6.62	26.33	81.02	
60	2.00	0.25	2.92	8.98	29.25	90.00	
80	2.50	0.18	1.71	5.26	30.96	95.26	
120	3.00	0.13	0.75	2.31	31.71	97.57	
170	3.50	0.09	0.21	0.65	31.92	98.22	
200	3.75	0.07	0.08	0.25	32.00	98.47	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.48	1.67	1.05	-0.47	-1.89	-2.72	-3.49	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.53	1.44	1.83	-0.03	2.04		

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Project Name: Juno Historic							
Sample Name: PB-96-C62 #10.0							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-76.1 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
36.04	31.59	0.01	0.00	#200 - 12.38		67.80	
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	0.34	0.94	0.34	0.94	
7	-1.50	2.83	0.72	2.00	1.06	2.94	
10	-1.00	2.00	1.37	3.80	2.43	6.74	
14	-0.50	1.41	1.48	4.11	3.91	10.85	
18	0.00	1.00	1.53	4.24	5.44	15.09	
25	0.50	0.71	1.87	5.19	7.31	20.28	
35	1.00	0.50	2.82	7.82	10.13	28.10	
45	1.50	0.35	5.11	14.18	15.24	42.28	
60	2.00	0.25	6.27	17.40	21.51	59.68	
80	2.50	0.18	3.26	9.04	24.77	68.72	
120	3.00	0.13	4.82	13.37	29.59	82.09	
170	3.50	0.09	1.75	4.86	31.34	86.95	
200	3.75	0.07	0.24	0.67	31.58	87.62	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.20	2.73	1.72	0.80	0.09	-1.23	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.33	0.40	1.32	-0.68	2.85		

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Project Name: Juno Historic							
Sample Name: PB-96-C62 #Comp							
Analysis Date: 07-27-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
966,257		956,196		Florida State Plane East		-76.9 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
33.42	30.89	0.03	-0.03	#200 - 7.62		77.20	
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	0.47	1.41	0.47	1.41	
3.5	-2.50	5.66	0.68	2.03	1.15	3.44	
5	-2.00	4.00	0.52	1.56	1.67	5.00	
7	-1.50	2.83	0.32	0.96	1.99	5.96	
10	-1.00	2.00	1.11	3.32	3.10	9.28	
14	-0.50	1.41	1.80	5.39	4.90	14.67	
18	0.00	1.00	2.13	6.37	7.03	21.04	
25	0.50	0.71	2.52	7.54	9.55	28.58	
35	1.00	0.50	3.02	9.04	12.57	37.62	
45	1.50	0.35	4.09	12.24	16.66	49.86	
60	2.00	0.25	6.42	19.21	23.08	69.07	
80	2.50	0.18	4.04	12.09	27.12	81.16	
120	3.00	0.13	2.68	8.02	29.80	89.18	
170	3.50	0.09	0.83	2.48	30.63	91.66	
200	3.75	0.07	0.24	0.72	30.87	92.38	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.68	2.25	1.50	0.26	-0.40	-2.00	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1	0.50	1.47	-0.88	3.41		