

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-C82 #0.5							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,949		955,460		Florida State Plane East		-71.3 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
41.22		0.01		#200 - 0.01		80.30	
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00	2.65	6.43	2.65	6.43	
11/16"	-3.50	11.31	4.62	11.21	7.27	17.64	
5/16"	-3.00	8.00	1.13	2.74	8.40	20.38	
3.5	-2.50	5.66	0.19	0.46	8.59	20.84	
5	-2.00	4.00	0.50	1.21	9.09	22.05	
7	-1.50	2.83	0.75	1.82	9.84	23.87	
10	-1.00	2.00	1.65	4.00	11.49	27.87	
14	-0.50	1.41	3.17	7.69	14.66	35.56	
18	0.00	1.00	4.11	9.97	18.77	45.53	
25	0.50	0.71	4.76	11.55	23.53	57.08	
35	1.00	0.50	4.11	9.97	27.64	67.05	
45	1.50	0.35	4.00	9.70	31.64	76.75	
60	2.00	0.25	5.59	13.56	37.23	90.31	
80	2.50	0.18	3.19	7.74	40.42	98.05	
120	3.00	0.13	0.61	1.48	41.03	99.53	
170	3.50	0.09	0.14	0.34	41.17	99.87	
200	3.75	0.07	0.05	0.12	41.22	99.99	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.30	1.77	1.41	0.19	-1.36	-3.57		
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.29	1.22	1.84	-0.33	2.35		

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Project Name: Juno Historic							
Sample Name: PB-96-C82 #3.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,949		955,460		Florida State Plane East		-73.8 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
32.49		0.01		#200 - 0.00		67.60	
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	0.19	0.58	0.19	0.58	
5	-2.00	4.00	0.06	0.18	0.25	0.76	
7	-1.50	2.83	0.19	0.58	0.44	1.34	
10	-1.00	2.00	0.46	1.42	0.90	2.76	
14	-0.50	1.41	0.74	2.28	1.64	5.04	
18	0.00	1.00	0.76	2.34	2.40	7.38	
25	0.50	0.71	1.01	3.11	3.41	10.49	
35	1.00	0.50	1.93	5.94	5.34	16.43	
45	1.50	0.35	4.57	14.07	9.91	30.50	
60	2.00	0.25	11.00	33.86	20.91	64.36	
80	2.50	0.18	8.32	25.61	29.23	89.97	
120	3.00	0.13	2.52	7.76	31.75	97.73	
170	3.50	0.09	0.68	2.09	32.43	99.82	
200	3.75	0.07	0.06	0.18	32.49	100.00	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.82	2.38	2.21	1.79	1.30	0.96	-0.51	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.61	0.33	0.96	-1.62	6.7		

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Project Name: Juno Historic							
Sample Name: PB-96-C82 #7.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,949		955,460		Florida State Plane East		-77.8 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
45.93		0.16		#200 - 0.37		69.80	
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	0.28	0.61	0.28	0.61	
3.5	-2.50	5.66	0.07	0.15	0.35	0.76	
5	-2.00	4.00	0.26	0.57	0.61	1.33	
7	-1.50	2.83	0.95	2.07	1.56	3.40	
10	-1.00	2.00	0.76	1.65	2.32	5.05	
14	-0.50	1.41	0.99	2.16	3.31	7.21	
18	0.00	1.00	1.07	2.33	4.38	9.54	
25	0.50	0.71	1.07	2.33	5.45	11.87	
35	1.00	0.50	1.06	2.31	6.51	14.18	
45	1.50	0.35	2.50	5.44	9.01	19.62	
60	2.00	0.25	6.71	14.61	15.72	34.23	
80	2.50	0.18	17.43	37.95	33.15	72.18	
120	3.00	0.13	10.34	22.51	43.49	94.69	
170	3.50	0.09	1.66	3.61	45.15	98.30	
200	3.75	0.07	0.61	1.33	45.76	99.63	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.04	2.76	2.56	2.21	1.68	1.17	-1.02	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.88	0.27	1.2	-1.93	6.78		

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Project Name: Juno Historic							
Sample Name: PB-96-C82 #Comp							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
967,949		955,460		Florida State Plane East		-78.8 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
37.18		0.02		#200 - 0.02		69.40	
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	0.17	0.46	0.17	0.46	
3.5	-2.50	5.66	0.12	0.32	0.29	0.78	
5	-2.00	4.00	0.55	1.48	0.84	2.26	
7	-1.50	2.83	0.58	1.56	1.42	3.82	
10	-1.00	2.00	0.96	2.58	2.38	6.40	
14	-0.50	1.41	1.68	4.52	4.06	10.92	
18	0.00	1.00	1.89	5.08	5.95	16.00	
25	0.50	0.71	2.26	6.08	8.21	22.08	
35	1.00	0.50	2.89	7.77	11.10	29.85	
45	1.50	0.35	5.29	14.23	16.39	44.08	
60	2.00	0.25	12.16	32.71	28.55	76.79	
80	2.50	0.18	6.72	18.07	35.27	94.86	
120	3.00	0.13	1.33	3.58	36.60	98.44	
170	3.50	0.09	0.49	1.32	37.09	99.76	
200	3.75	0.07	0.08	0.22	37.17	99.98	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.52	2.20	1.97	1.59	0.69	0.00	-1.27	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.22	0.43	1.19	-1.24	4.34		