

Depths and elevations based on measured values

Analyzed By:

Scientific Environmental Applications  
5575 Willoughby Drive  
Melbourne, FL 32934  
seappinc.com  
seapp1@aol.com  
(321) 254-2708

Elevation (ft):

-61.5 NAVD 88

Comments:

.80

21.50

0.00

0.05

#200 - 1.44

•

68.30

\_\_\_\_\_

C. % Weight Retained

0.00

0.00

0.00

0.00

0.18

0.18

## 1.10

2.93

6.92

14.03

24.76

38.06

65.67

91.22

97.46

98.42

98.56

Phi 95

-0.24

## Kurtosis

3.73

<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-C89 #2.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,911		960,743		Florida State Plane East		-63.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
25.70	25.65	0.01	-0.04	#200 - 0.19		83.10	
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	5.02	19.53	5.02	19.53	
5/16"	-3.00	8.00	0.00	0.00	5.02	19.53	
3.5	-2.50	5.66	0.00	0.00	5.02	19.53	
5	-2.00	4.00	0.22	0.86	5.24	20.39	
7	-1.50	2.83	0.38	1.48	5.62	21.87	
10	-1.00	2.00	0.89	3.46	6.51	25.33	
14	-0.50	1.41	1.53	5.95	8.04	31.28	
18	0.00	1.00	2.56	9.96	10.60	41.24	
25	0.50	0.71	2.97	11.56	13.57	52.80	
35	1.00	0.50	2.77	10.78	16.34	63.58	
45	1.50	0.35	2.46	9.57	18.80	73.15	
60	2.00	0.25	3.56	13.85	22.36	87.00	
80	2.50	0.18	2.58	10.04	24.94	97.04	
120	3.00	0.13	0.57	2.22	25.51	99.26	
170	3.50	0.09	0.11	0.43	25.62	99.69	
200	3.75	0.07	0.03	0.12	25.65	99.81	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.40	1.89	1.57	0.38	-1.05	-2.77	-3.62	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	-0.11	1.08	2.07	-0.71	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: PB-96-C89 #4.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,911		960,743		Florida State Plane East		-65.0 NAVD 88	
USCS:		Munsell:		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
24.20	24.08	0.01	0.00	#200 - 0.53		81.10	
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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.32	1.32	0.32	1.32	
5	-2.00	4.00	0.26	1.07	0.58	2.39	
7	-1.50	2.83	0.59	2.44	1.17	4.83	
10	-1.00	2.00	0.76	3.14	1.93	7.97	
14	-0.50	1.41	1.41	5.83	3.34	13.80	
18	0.00	1.00	2.08	8.60	5.42	22.40	
25	0.50	0.71	2.74	11.32	8.16	33.72	
35	1.00	0.50	3.14	12.98	11.30	46.70	
45	1.50	0.35	3.02	12.48	14.32	59.18	
60	2.00	0.25	5.01	20.70	19.33	79.88	
80	2.50	0.18	3.70	15.29	23.03	95.17	
120	3.00	0.13	0.74	3.06	23.77	98.23	
170	3.50	0.09	0.23	0.95	24.00	99.18	
200	3.75	0.07	0.07	0.29	24.07	99.47	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.49	2.13	1.88	1.13	0.11	-0.37	-1.47	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.91	0.53	1.25	-0.69	3.07		

<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-C89 #8.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft): <div style="text-align: center;">965,911</div>		Northing (ft): <div style="text-align: center;">960,743</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-69.0 NAVD 88</div>	
USCS: <div style="text-align: center;">SP</div>		Munsell:		Comments:			
Dry Weight (g): <div style="text-align: center;">31.30</div>	Wash Weight (g): <div style="text-align: center;">30.93</div>	Pan Retained (g): <div style="text-align: center;">0.01</div>	Sieve Loss (%): <div style="text-align: center;">0.13</div>	Fines (%): <div style="text-align: center;">#200 - 1.34</div>	Organics (%):	Carbonates (%): <div style="text-align: center;">79.30</div>	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	0.04	0.13	0.04	0.13	
7	-1.50	2.83	0.25	0.80	0.29	0.93	
10	-1.00	2.00	0.15	0.48	0.44	1.41	
14	-0.50	1.41	0.37	1.18	0.81	2.59	
18	0.00	1.00	1.19	3.80	2.00	6.39	
25	0.50	0.71	3.57	11.41	5.57	17.80	
35	1.00	0.50	6.27	20.03	11.84	37.83	
45	1.50	0.35	6.78	21.66	18.62	59.49	
60	2.00	0.25	8.04	25.69	26.66	85.18	
80	2.50	0.18	3.23	10.32	29.89	95.50	
120	3.00	0.13	0.89	2.84	30.78	98.34	
170	3.50	0.09	0.10	0.32	30.88	98.66	
200	3.75	0.07	0.00	0.00	30.88	98.66	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.48	1.98	1.80	1.28	0.68	0.42	-0.18	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.19	0.44	0.82	-0.64	4.04		

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-C89 #13.5							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft): <b>965,911</b>		Northing (ft): <b>960,743</b>		Coordinate System: <b>Florida State Plane East</b>		Elevation (ft): <b>-74.5 NAVD 88</b>	
USCS:		Munsell:		Comments:			
Dry Weight (g): <b>26.55</b>	Wash Weight (g): <b>24.49</b>	Pan Retained (g): <b>0.00</b>	Sieve Loss (%): <b>0.00</b>	Fines (%): <b>#200 - 7.73</b>	Organics (%):	Carbonates (%): <b>86.10</b>	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	0.40	1.51	0.40	1.51	
3.5	-2.50	5.66	0.00	0.00	0.40	1.51	
5	-2.00	4.00	0.10	0.38	0.50	1.89	
7	-1.50	2.83	0.08	0.30	0.58	2.19	
10	-1.00	2.00	0.14	0.53	0.72	2.72	
14	-0.50	1.41	0.31	1.17	1.03	3.89	
18	0.00	1.00	0.78	2.94	1.81	6.83	
25	0.50	0.71	1.51	5.69	3.32	12.52	
35	1.00	0.50	2.11	7.95	5.43	20.47	
45	1.50	0.35	3.99	15.03	9.42	35.50	
60	2.00	0.25	4.08	15.37	13.50	50.87	
80	2.50	0.18	9.10	34.28	22.60	85.15	
120	3.00	0.13	1.61	6.06	24.21	91.21	
170	3.50	0.09	0.15	0.57	24.36	91.78	
200	3.75	0.07	0.13	0.49	24.49	92.27	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.48	2.35	1.97	1.15	0.72	-0.31	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.54	0.34	1.09	-1.89	8.15		

<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-C89 #15.0							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,911		960,743		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 (%):
22.82	21.01	0.04	-0.09	#200 - 7.99		93.20	
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	0.00	0.00	0.00	0.00	
5	-2.00	4.00	0.07	0.31	0.07	0.31	
7	-1.50	2.83	0.32	1.40	0.39	1.71	
10	-1.00	2.00	0.48	2.10	0.87	3.81	
14	-0.50	1.41	0.89	3.90	1.76	7.71	
18	0.00	1.00	1.32	5.79	3.08	13.50	
25	0.50	0.71	2.21	9.69	5.29	23.19	
35	1.00	0.50	2.57	11.26	7.86	34.45	
45	1.50	0.35	2.44	10.69	10.30	45.14	
60	2.00	0.25	3.00	13.15	13.30	58.29	
80	2.50	0.18	2.16	9.47	15.46	67.76	
120	3.00	0.13	4.30	18.85	19.76	86.61	
170	3.50	0.09	1.06	4.65	20.82	91.26	
200	3.75	0.07	0.17	0.75	20.99	92.01	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.93	2.69	1.68	0.58	0.13	-0.85	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.39	0.38	1.26	-0.47	2.47		

<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-C89 #Comp							
Analysis Date: 08-02-96							
Analyzed By:							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
965,911		960,743		Florida State Plane East		-78.0 NAVD 88	
USCS:		Munsell:		Comments:			
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
30.44	28.03	0.00	0.00	#200 - 7.93		81.10	
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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.41	1.35	0.41	1.35	
5	-2.00	4.00	0.22	0.72	0.63	2.07	
7	-1.50	2.83	0.43	1.41	1.06	3.48	
10	-1.00	2.00	0.66	2.17	1.72	5.65	
14	-0.50	1.41	1.03	3.38	2.75	9.03	
18	0.00	1.00	1.70	5.58	4.45	14.61	
25	0.50	0.71	2.62	8.61	7.07	23.22	
35	1.00	0.50	3.84	12.61	10.91	35.83	
45	1.50	0.35	4.35	14.29	15.26	50.12	
60	2.00	0.25	5.88	19.32	21.14	69.44	
80	2.50	0.18	3.81	12.52	24.95	81.96	
120	3.00	0.13	2.43	7.98	27.38	89.94	
170	3.50	0.09	0.61	2.00	27.99	91.94	
200	3.75	0.07	0.04	0.13	28.03	92.07	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.63	2.22	1.50	0.57	0.08	-1.15	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.15	0.45	1.22	-0.86	3.73		