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|--|------------------|--------------------------|-----------------|---|---------------------|----------------------|-------------|
| <b>Granularmetric Report</b><br>Depths and elevations based on measured values |                  |                          |                 | Scientific Environmental Applications<br>5575 Willoughby Drive<br>Melbourne, FL 32934<br>seappinc.com<br>seapp1@aol.com<br>(321) 254-2708 |                     |                      |             |
| Project Name: Juno Historic  |                  |                          |                 |   |                     |                      |             |
| Sample Name: PB-96-C85 #0.5  |                  |                          |                 |   |                     |                      |             |
| Analysis Date: 08-02-96  |                  |                          |                 |   |                     |                      |             |
| Analyzed By:   |                  |                          |                 |   |                     |                      |             |
| Easting (ft):  |                  | Northing (ft):           |                 | Coordinate System:  |                     | Elevation (ft):      |             |
| 965,090  |                  | 959,972                  |                 | Florida State Plane East  |                     | -62.3 NAVD 88        |             |
| USCS:  |                  | Munsell:                 |                 | Comments:   |                     |                      |             |
| SW   |                  |                          |                 |   |                     |                      |             |
| Dry Weight (g):  | Wash Weight (g): | Pan Retained (g):        | Sieve Loss (%): | Fines (%):  | Organics (%):       | Carbonates (%):      | Shells (%): |
| 41.38  | 41.38            | 0.01                     | 0.00            | #200 - 0.02   |                     | 63.20                |             |
| 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                     | 0.06            | 0.14  | 0.06                | 0.14                 |             |
| 5  | -2.00            | 4.00                     | 0.00            | 0.00  | 0.06                | 0.14                 |             |
| 7  | -1.50            | 2.83                     | 0.10            | 0.24  | 0.16                | 0.38                 |             |
| 10   | -1.00            | 2.00                     | 0.50            | 1.21  | 0.66                | 1.59                 |             |
| 14   | -0.50            | 1.41                     | 0.74            | 1.79  | 1.40                | 3.38                 |             |
| 18   | 0.00             | 1.00                     | 1.13            | 2.73  | 2.53                | 6.11                 |             |
| 25   | 0.50             | 0.71                     | 2.32            | 5.61  | 4.85                | 11.72                |             |
| 35   | 1.00             | 0.50                     | 4.47            | 10.80   | 9.32                | 22.52                |             |
| 45   | 1.50             | 0.35                     | 5.11            | 12.35   | 14.43               | 34.87                |             |
| 60   | 2.00             | 0.25                     | 14.01           | 33.86   | 28.44               | 68.73                |             |
| 80   | 2.50             | 0.18                     | 10.34           | 24.99   | 38.78               | 93.72                |             |
| 120  | 3.00             | 0.13                     | 2.16            | 5.22  | 40.94               | 98.94                |             |
| 170  | 3.50             | 0.09                     | 0.36            | 0.87  | 41.30               | 99.81                |             |
| 200  | 3.75             | 0.07                     | 0.07            | 0.17  | 41.37               | 99.98                |             |
|  |                  |                          |                 |   |                     |                      |             |
| Phi 5  | Phi 16           | Phi 25                   | Phi 50          | Phi 75  | Phi 84              | Phi 95               |             |
| 2.62   | 2.31             | 2.13                     | 1.72            | 1.10  | 0.70                | -0.20                |             |
| Moment   | Mean Phi         | Mean mm                  | Sorting         | Skewness  | Kurtosis            |                      |             |
| Statistics   | 1.54             | 0.34                     | 0.87            | -1.18   | 4.91                |                      |             |

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| Project Name: Juno Historic  |                  |                          |                 |   |                     |                      |             |
| Sample Name: PB-96-C85 #2  |                  |                          |                 |   |                     |                      |             |
| Analysis Date: 08-02-96  |                  |                          |                 |   |                     |                      |             |
| Analyzed By:   |                  |                          |                 |   |                     |                      |             |
| Easting (ft):  |                  | Northing (ft):           |                 | Coordinate System:  |                     | Elevation (ft):      |             |
| 965,090  |                  | 959,972                  |                 | Florida State Plane East  |                     | -63.8 NAVD 88        |             |
| USCS:  |                  | Munsell:                 |                 | Comments:   |                     |                      |             |
| SW   |                  |                          |                 |   |                     |                      |             |
| Dry Weight (g):  | Wash Weight (g): | Pan Retained (g):        | Sieve Loss (%): | Fines (%):  | Organics (%):       | Carbonates (%):      | Shells (%): |
| 43.13  | 42.12            | 0.01                     | 0.00            | #200 - 2.39   |                     | 79.90                |             |
| 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                     | 0.38            | 0.88  | 0.38                | 0.88                 |             |
| 3.5  | -2.50            | 5.66                     | 0.23            | 0.53  | 0.61                | 1.41                 |             |
| 5  | -2.00            | 4.00                     | 0.20            | 0.46  | 0.81                | 1.87                 |             |
| 7  | -1.50            | 2.83                     | 0.38            | 0.88  | 1.19                | 2.75                 |             |
| 10   | -1.00            | 2.00                     | 1.52            | 3.52  | 2.71                | 6.27                 |             |
| 14   | -0.50            | 1.41                     | 3.24            | 7.51  | 5.95                | 13.78                |             |
| 18   | 0.00             | 1.00                     | 5.40            | 12.52   | 11.35               | 26.30                |             |
| 25   | 0.50             | 0.71                     | 7.25            | 16.81   | 18.60               | 43.11                |             |
| 35   | 1.00             | 0.50                     | 6.64            | 15.40   | 25.24               | 58.51                |             |
| 45   | 1.50             | 0.35                     | 6.07            | 14.07   | 31.31               | 72.58                |             |
| 60   | 2.00             | 0.25                     | 5.57            | 12.91   | 36.88               | 85.49                |             |
| 80   | 2.50             | 0.18                     | 3.46            | 8.02  | 40.34               | 93.51                |             |
| 120  | 3.00             | 0.13                     | 1.31            | 3.04  | 41.65               | 96.55                |             |
| 170  | 3.50             | 0.09                     | 0.36            | 0.83  | 42.01               | 97.38                |             |
| 200  | 3.75             | 0.07                     | 0.10            | 0.23  | 42.11               | 97.61                |             |
|  |                  |                          |                 |   |                     |                      |             |
| Phi 5  | Phi 16           | Phi 25                   | Phi 50          | Phi 75  | Phi 84              | Phi 95               |             |
| 2.75   | 1.94             | 1.59                     | 0.72            | -0.05   | -0.41               | -1.18                |             |
| Moment   | Mean Phi         | Mean mm                  | Sorting         | Skewness  | Kurtosis            |                      |             |
| Statistics   | 0.67             | 0.63                     | 1.16            | -0.39   | 3.48                |                      |             |

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| Project Name: Juno Historic  |                  |                          |                 |   |                     |                      |             |
| Sample Name: PB-96-C85 #Comp   |                  |                          |                 |   |                     |                      |             |
| Analysis Date: 08-02-96  |                  |                          |                 |   |                     |                      |             |
| Analyzed By:   |                  |                          |                 |   |                     |                      |             |
| Easting (ft):  |                  | Northing (ft):           |                 | Coordinate System:  |                     | Elevation (ft):      |             |
| 965,090  |                  | 959,972                  |                 | Florida State Plane East  |                     | -65.8 NAVD 88        |             |
| USCS:  |                  | Munsell:                 |                 | Comments:   |                     |                      |             |
| SW   |                  |                          |                 |   |                     |                      |             |
| Dry Weight (g):  | Wash Weight (g): | Pan Retained (g):        | Sieve Loss (%): | Fines (%):  | Organics (%):       | Carbonates (%):      | Shells (%): |
| 36.21  | 35.16            | 0.00                     | 0.03            | #200 - 2.94   |                     | 76.20                |             |
| 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                    | 4.14            | 11.43   | 4.14                | 11.43                |             |
| 5/16"  | -3.00            | 8.00                     | 0.00            | 0.00  | 4.14                | 11.43                |             |
| 3.5  | -2.50            | 5.66                     | 0.00            | 0.00  | 4.14                | 11.43                |             |
| 5  | -2.00            | 4.00                     | 0.46            | 1.27  | 4.60                | 12.70                |             |
| 7  | -1.50            | 2.83                     | 0.56            | 1.55  | 5.16                | 14.25                |             |
| 10   | -1.00            | 2.00                     | 1.09            | 3.01  | 6.25                | 17.26                |             |
| 14   | -0.50            | 1.41                     | 1.63            | 4.50  | 7.88                | 21.76                |             |
| 18   | 0.00             | 1.00                     | 2.02            | 5.58  | 9.90                | 27.34                |             |
| 25   | 0.50             | 0.71                     | 3.05            | 8.42  | 12.95               | 35.76                |             |
| 35   | 1.00             | 0.50                     | 3.70            | 10.22   | 16.65               | 45.98                |             |
| 45   | 1.50             | 0.35                     | 3.84            | 10.60   | 20.49               | 56.58                |             |
| 60   | 2.00             | 0.25                     | 5.61            | 15.49   | 26.10               | 72.07                |             |
| 80   | 2.50             | 0.18                     | 6.31            | 17.42   | 32.41               | 89.49                |             |
| 120  | 3.00             | 0.13                     | 2.11            | 5.83  | 34.52               | 95.32                |             |
| 170  | 3.50             | 0.09                     | 0.60            | 1.66  | 35.12               | 96.98                |             |
| 200  | 3.75             | 0.07                     | 0.03            | 0.08  | 35.15               | 97.06                |             |
|  |                  |                          |                 |   |                     |                      |             |
| Phi 5  | Phi 16           | Phi 25                   | Phi 50          | Phi 75  | Phi 84              | Phi 95               |             |
| 2.97   | 2.34             | 2.08                     | 1.19            | -0.21   | -1.21               | -3.34                |             |
| Moment   | Mean Phi         | Mean mm                  | Sorting         | Skewness  | Kurtosis            |                      |             |
| Statistics   | 0.56             | 0.68                     | 1.95            | -1.08   | 3.19                |                      |             |