


GRANULARMETRIC REPORT JUPITER ISLAND 10 - BEACH SAMPLES GPJ FL DEP ROSS.GDT 5/2/11

|  |                  |                          |                 |   |                     |                      |             |
|--|------------------|--------------------------|-----------------|---|---------------------|----------------------|-------------|
| <b>Granularmetric Report</b><br>Depths and elevations based on measured values |                  |                          |                 | <br>American Vibracore Services, Inc.<br>1215 Wallace Drive<br>Delray Beach, FL 33444 |                     |                      |             |
| Project Name: Jupiter Island 10 - Beach Samples                                |                  |                          |                 |   |                     |                      |             |
| Sample Name: 983302B   |                  |                          |                 |   |                     |                      |             |
| Analysis Date: 01-12-11  |                  |                          |                 |   |                     |                      |             |
| Analyzed By: JR  |                  |                          |                 |   |                     |                      |             |
| Easting (ft):  |                  | Northing (ft):           |                 | Coordinate System:  |                     | Elevation (ft):      |             |
| 948722.  |                  | 983471.                  |                 | Florida State Plane East  |                     | 3.4 NAVD 88          |             |
| USCS:  |                  | Munsell:                 |                 | Comments:   |                     |                      |             |
| SP   |                  | Wet - 10 YR-4/1          |                 |   |                     |                      |             |
| Dry Weight (g):  | Wash Weight (g): | Pan Retained (g):        | Sieve Loss (%): | Fines (%):  | Organics (%):       | Carbonates (%):      | Shells (%): |
| 665.60   | 665.60           | 0.00                     | 0.00            | #230 - 0.00   |                     |                      | 0.09        |
| Sieve Number   | Sieve Size (Phi) | Sieve Size (Millimeters) | Grams Retained  | % Weight Retained   | Cum. Grams Retained | C. % Weight Retained |             |
| 3/4"   | -4.25            | 19.03                    |                 | 0.00  | 0.00                | 0.00                 |             |
| 5/8"   | -4.00            | 16.00                    | 0.00            | 0.00  | 0.00                | 0.00                 |             |
| 3.5  | -2.50            | 5.66                     | 0.00            | 0.00  | 0.00                | 0.00                 |             |
| 4  | -2.25            | 4.76                     | 0.60            | 0.09  | 0.60                | 0.09                 |             |
| 5  | -2.00            | 4.00                     | 0.30            | 0.05  | 0.90                | 0.14                 |             |
| 7  | -1.50            | 2.83                     | 0.20            | 0.03  | 1.10                | 0.17                 |             |
| 10   | -1.00            | 2.00                     | 0.70            | 0.11  | 1.80                | 0.27                 |             |
| 14   | -0.50            | 1.41                     | 1.40            | 0.21  | 3.20                | 0.48                 |             |
| 18   | 0.00             | 1.00                     | 5.70            | 0.86  | 8.90                | 1.34                 |             |
| 25   | 0.50             | 0.71                     | 24.50           | 3.68  | 33.40               | 5.02                 |             |
| 35   | 1.00             | 0.50                     | 152.50          | 22.91   | 185.90              | 27.93                |             |
| 45   | 1.50             | 0.35                     | 315.20          | 47.36   | 501.10              | 75.29                |             |
| 60   | 2.00             | 0.25                     | 154.00          | 23.14   | 655.10              | 98.42                |             |
| 80   | 2.50             | 0.18                     | 8.10            | 1.22  | 663.20              | 99.64                |             |
| 120  | 3.00             | 0.13                     | 0.50            | 0.08  | 663.70              | 99.71                |             |
| 170  | 3.50             | 0.09                     | 1.70            | 0.26  | 665.40              | 99.97                |             |
| 230  | 4.00             | 0.06                     | 0.20            | 0.03  | 665.60              | 100.00               |             |
|  |                  |                          |                 |   |                     |                      |             |
| Phi 5  | Phi 16           | Phi 25                   | Phi 50          | Phi 75  | Phi 84              | Phi 95               |             |
| 1.93   | 1.69             | 1.50                     | 1.23            | 0.94  | 0.74                | 0.50                 |             |
| Moment   | Mean Phi         | Mean mm                  | Sorting         | Skewness  | Kurtosis            |                      |             |
| Statistics   | 1.21             | 0.43                     | 0.48            | -0.89   | 8.91                |                      |             |