

# Granularmetric Report

Depths and elevations based on measured values



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Project Name: AMI 2008 Sand Search  
 Sample Name: AMVC-08-06 #4  
 Analysis Date: 07-05-08  
 Analyzed By: TD

|                          |                             |  |                                  |
|--------------------------|-----------------------------|--|----------------------------------|
| Easting (ft):<br>412,252 | Northing (ft):<br>1,154,756 | Coordinate System:<br>Florida State Plane West | Elevation (ft):<br>-26.5 NAVD 88 |
|--------------------------|-----------------------------|--|----------------------------------|

|             |   |           |
|-------------|---|-----------|
| USCS:<br>SP | Munsell:<br>Wet - 5Y-7/2<br>Dry - 5Y-7/1<br>Washed - 5Y-7/1 | Comments: |
|-------------|---|-----------|

|                          |                           |                           |                         |  |               |                      |                      |
|--------------------------|---------------------------|---------------------------|-------------------------|--|---------------|----------------------|----------------------|
| Dry Weight (g):<br>86.92 | Wash Weight (g):<br>84.48 | Pan Retained (g):<br>0.05 | Sieve Loss (%):<br>0.05 | Fines (%):<br>#200 - 3.08<br>#230 - 2.92 | Organics (%): | Carbonates (%):<br>9 | Shell Hash (%):<br>0 |
|--------------------------|---------------------------|---------------------------|-------------------------|--|---------------|----------------------|----------------------|

| 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                | 0.00                 |
| 5/8"         | -4.00            | 16.00                    | 0.00           | 0.00              | 0.00                | 0.00                 |
| 7/16"        | -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                 |
| 4            | -2.25            | 4.76                     | 0.68           | 0.78              | 0.68                | 0.78                 |
| 5            | -2.00            | 4.00                     | 0.00           | 0.00              | 0.68                | 0.78                 |
| 7            | -1.50            | 2.83                     | 0.47           | 0.54              | 1.15                | 1.32                 |
| 10           | -1.00            | 2.00                     | 0.38           | 0.44              | 1.53                | 1.76                 |
| 14           | -0.50            | 1.41                     | 0.48           | 0.55              | 2.01                | 2.31                 |
| 18           | 0.00             | 1.00                     | 0.43           | 0.49              | 2.44                | 2.80                 |
| 25           | 0.50             | 0.71                     | 0.56           | 0.64              | 3.00                | 3.44                 |
| 35           | 1.00             | 0.50                     | 0.65           | 0.75              | 3.65                | 4.19                 |
| 45           | 1.50             | 0.35                     | 0.50           | 0.58              | 4.15                | 4.77                 |
| 60           | 2.00             | 0.25                     | 0.88           | 1.01              | 5.03                | 5.78                 |
| 80           | 2.50             | 0.18                     | 6.56           | 7.55              | 11.59               | 13.33                |
| 120          | 3.00             | 0.13                     | 52.70          | 60.63             | 64.29               | 73.96                |
| 170          | 3.50             | 0.09                     | 19.13          | 22.01             | 83.42               | 95.97                |
| 200          | 3.75             | 0.07                     | 0.83           | 0.95              | 84.25               | 96.92                |
| 230          | 4.00             | 0.06                     | 0.14           | 0.16              | 84.39               | 97.08                |

Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.

|                   |          |         |         |          |          |        |
|-------------------|----------|---------|---------|----------|----------|--------|
| Phi 5             | Phi 16   | Phi 25  | Phi 50  | Phi 75   | Phi 84   | Phi 95 |
| 3.48              | 3.23     | 3.02    | 2.80    | 2.60     | 2.52     | 1.61   |
| Moment Statistics | Mean Phi | Mean mm | Sorting | Skewness | Kurtosis |        |
|                   | 2.66     | 0.16    | 0.83    | -3.96    | 21.03    |        |

GRANULARMETRIC REPORT AMI\_2008\_VIBRACORES\_ALL.GPJ FL DEP ROSS.GDT 10/29/08

