

Granularmetric Report

Depths and elevations based on measured values



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Project Name: Reach 8 Beach Samples

Sample Name: R-125 MLW

Analysis Date: 03-15-07

Analyzed By: MC

Easting (ft):

970,965

Northing (ft):

833,323

Coordinate System:

Florida State Plane East

Elevation (ft):

-2.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

125.43

Wash Weight (g):

123.74

Pan Retained (g):

0.00

Sieve Loss (%):

0.01

Fines (%):

#200 - 1.36

#230 - 1.36

Organics (%):

Carbonates (%):

Shell Hash (%):

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 | 3.53 | 2.81 | 3.53 | 2.81 |
| 5/16 | -3.00 | 8.00 | 0.00 | 0.00 | 3.53 | 2.81 |
| 3.5 | -2.50 | 5.66 | 0.00 | 0.00 | 3.53 | 2.81 |
| 4 | -2.25 | 4.76 | 0.04 | 0.03 | 3.57 | 2.84 |
| 5 | -2.00 | 4.00 | 0.10 | 0.08 | 3.67 | 2.92 |
| 7 | -1.50 | 2.83 | 0.18 | 0.14 | 3.85 | 3.06 |
| 10 | -1.00 | 2.00 | 0.22 | 0.18 | 4.07 | 3.24 |
| 14 | -0.50 | 1.41 | 0.50 | 0.40 | 4.57 | 3.64 |
| 18 | 0.00 | 1.00 | 0.67 | 0.53 | 5.24 | 4.17 |
| 25 | 0.50 | 0.71 | 1.10 | 0.88 | 6.34 | 5.05 |
| 35 | 1.00 | 0.50 | 1.60 | 1.28 | 7.94 | 6.33 |
| 45 | 1.50 | 0.35 | 2.85 | 2.27 | 10.79 | 8.60 |
| 60 | 2.00 | 0.25 | 10.58 | 8.43 | 21.37 | 17.03 |
| 80 | 2.50 | 0.18 | 56.62 | 45.14 | 77.99 | 62.17 |
| 120 | 3.00 | 0.13 | 40.03 | 31.91 | 118.02 | 94.08 |
| 170 | 3.50 | 0.09 | 5.59 | 4.46 | 123.61 | 98.54 |
| 200 | 3.75 | 0.07 | 0.12 | 0.10 | 123.73 | 98.64 |
| 230 | 4.00 | 0.06 | 0.00 | 0.00 | 123.73 | 98.64 |

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.10

2.84

2.70

2.37

2.09

1.94

0.47

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.14

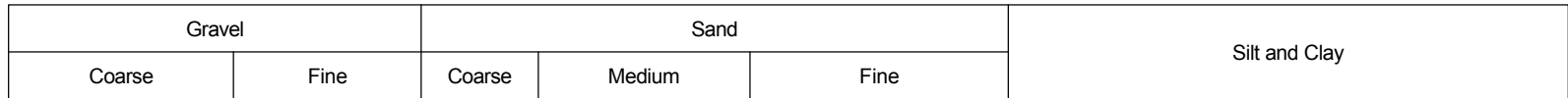
0.23



1.18

-3.8

18.69

GRANULARMETRIC REPORT REACH 8 BEACH 2007.GPJ FL DEP ROSS.GDT 4/20/07



| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|------|----------------------------|------------|--|--------|------|------|-------|------|--------------------|-----------------------|
| R-125 MLW |  | -2.0 | SW | #200 - 1.36 #230 - 1.36 | | | 2.37 | 2.14 | -3.8 | 18.69 | 1.18 | Project Name: | Reach 8 Beach Samples |
| Comments: | | | | | | | | | | | | Analysis Date: | 03-15-07 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | MC |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 970,965 |
| | | | | | | | | | | | | Northing (Y, ft): | 833,323 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |