

Granularmetric Report

Depths and elevations based on measured values



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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-13 #3

Analysis Date: 01-30-07

Analyzed By: st

Easting (ft):

972,760

Northing (ft):

825,133

Coordinate System:

Florida State Plane East

Elevation (ft):

-32.4 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

89.53

Wash Weight (g):

88.56

Pan Retained (g):

0.02

Sieve Loss (%):

0.03

Fines (%):

#200 - 1.19

#230 - 1.16

Organics (%):

Carbonates (%):

70.00

Shell Hash (%):

5

Sieve Number

Sieve Size (Phi)

Sieve Size (Millimeters)

Grams Retained

% Weight Retained

Cum. Grams Retained

C. % Weight Retained

1

-4.75

26.91

0.00

0.00

0.00

0.00

3/4

-4.25

19.03

0.01

0.01

0.01

0.01

5/8

-4.00

16.00

0.00

0.00

0.01

0.01

7/16

-3.50

11.31

0.00

0.00

0.01

0.01

5/16

-3.00

8.00

0.68

0.76

0.69

0.77

3.5

-2.50

5.66

2.08

2.32

2.77

3.09

4

-2.25

4.76

0.20

0.22

2.97

3.31

5

-2.00

4.00

1.06

1.18

4.03

4.49

7

-1.50

2.83

3.68

4.11

7.71

8.60

10

-1.00

2.00

5.97

6.67

13.68

15.27

14

-0.50

1.41

10.66

11.91

24.34

27.18

18

0.00

1.00

11.30

12.62

35.64

39.80

25

0.50

0.71

11.98

13.38

47.62

53.18

35

1.00

0.50

10.72

11.97

58.34

65.15

45

1.50

0.35

6.43

7.18

64.77

72.33

60

2.00

0.25

4.11

4.59

68.88

76.92

80

2.50

0.18

5.23

5.84

74.11

82.76

120

3.00

0.13

10.29

11.49

84.40

94.25

170

3.50

0.09

4.02

4.49

88.42

98.74

200

3.75

0.07

0.06

0.07

88.48

98.81

230

4.00

0.06

0.03

0.03

88.51

98.84

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.08

2.55

1.79

0.38

-0.59

-0.97

-1.94

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.5

0.71



1.55

0.03

2.34

GRANULARMETRIC REPORT TOPB_VC_07.GPJ FL DEP ROSS.GDT 5/10/07

| | | | | | |
|--------|------|--------|--------|------|---------------|
| Gravel | | Sand | | | Silt and Clay |
| Coarse | Fine | Coarse | Medium | Fine | |

| Sample | Symbol | Elev. (ft) | USCS | % Fines | % Organics | % Carbonates | Median | Mean | Skew | Kurt | Sort | Sample Information | |
|---|---|------------|------|----------------------------|------------|--|--------|------|------|------|------|--------------------|--------------------------------|
| TPVC-07-13 #3 |  | -32.4 | SW | #200 - 1.19 #230 - 1.16 | | 70.00 | 0.38 | 0.5 | 0.03 | 2.34 | 1.55 | Project Name: | 2007 Sand Search Investigation |
| Comments: | | | | | | | | | | | | Analysis Date: | 01-30-07 |
| Depths and elevations based on measured values | | | | | | | | | | | | Analyzed By: | st |
|  | | | | | | Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116 | | | | | | Easting (X, ft): | 972,760 |
| | | | | | | | | | | | | Northing (Y, ft): | 825,133 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |