

Granularmetric Report

Depths and elevations based on measured values



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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-08 #1

Analysis Date: 01-18-07

Analyzed By: mc

Easting (ft):

972,617

Northing (ft):

823,989

Coordinate System:

Florida State Plane East

Elevation (ft):

-27.4 NAVD 88

USCS:

SP

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

82.82

Wash Weight (g):

81.67

Pan Retained (g):

0.01

Sieve Loss (%):

0.06

Fines (%):

#200 - 1.57

#230 - 1.47

Organics (%):

Carbonates (%):

60.00

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

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

0.00

0.00

0.00

0.00

5

-2.00

4.00

0.00

0.00

0.00

0.00

7

-1.50

2.83

0.03

0.04

0.03

0.04

10

-1.00

2.00

0.07

0.08

0.10

0.12

14

-0.50

1.41

0.13

0.16

0.23

0.28

18

0.00

1.00

0.21

0.25

0.44

0.53

25

0.50

0.71

0.50

0.60

0.94

1.13

35

1.00

0.50

0.92

1.11

1.86

2.24

45

1.50

0.35

1.41

1.70

3.27

3.94

60

2.00

0.25

2.25

2.72

5.52

6.66

80

2.50

0.18

7.94

9.59

13.46

16.25

120

3.00

0.13

38.78

46.82

52.24

63.07

170

3.50

0.09

28.21

34.06

80.45

97.13

200

3.75

0.07

1.08

1.30

81.53

98.43

230

4.00

0.06

0.08

0.10

81.61

98.53

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.47

3.31

3.18

2.86

2.59

2.49

1.69

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.78

0.15

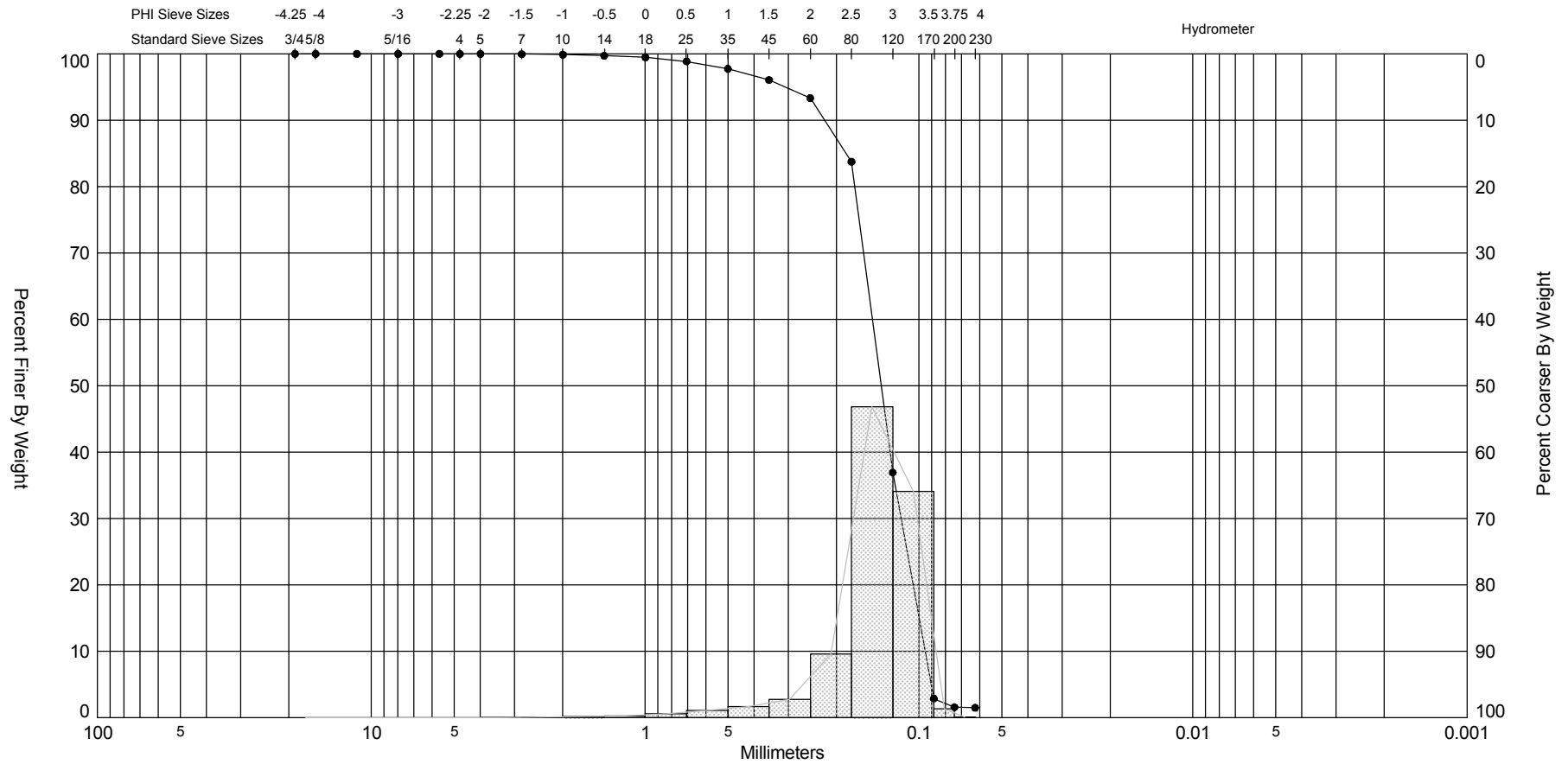
0.58

-2.5


12.83

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

SIEVE ANALYSIS 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-07-08 #1 | —●— | -27.4 | SP | #200 - 1.57 #230 - 1.47 | | 60.00 | 2.86 | 2.78 | -2.5 | 12.83 | 0.58 | Project Name: | 2007 Sand Search Investigation |
| Comments: | | | | | | | | | | | | Analysis Date: | 01-18-07 |
| 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): | 972,617 |
| | | | | | | | | | | | | Northing (Y, ft): | 823,989 |
| | | | | | | | | | | | | Horizontal System: | NAD 1983 |
| | | | | | | | | | | | | Vertical System: | NAVD 88 |