

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-28 #4

Analysis Date: 02-08-07

Analyzed By: au

Easting (ft):

972,697

Northing (ft):

834,585

Coordinate System:

Florida State Plane East

Elevation (ft):

-37.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/2

Dry - 2.5Y-5/2

Washed - 2.5Y-5/2

Comments:

Dry Weight (g):

90.53

Wash Weight (g):

89.36

Pan Retained (g):

0.02

Sieve Loss (%):

0.28

Fines (%):

#200 - 1.68

#230 - 1.59

Organics (%):

Carbonates (%):

Shell Hash (%):

2

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

0.08

0.09

0.08

0.09

4

-2.25

4.76

0.31

0.34

0.39

0.43

5

-2.00

4.00

0.30

0.33

0.69

0.76

7

-1.50

2.83

1.70

1.88

2.39

2.64

10

-1.00

2.00

3.15

3.48

5.54

6.12

14

-0.50

1.41

6.82

7.53

12.36

13.65

18

0.00

1.00

9.72

10.74

22.08

24.39

25

0.50

0.71

15.18

16.77

37.26

41.16

35

1.00

0.50

16.55

18.28

53.81

59.44

45

1.50

0.35

10.37

11.45

64.18

70.89

60

2.00

0.25

6.17

6.82

70.35

77.71

80

2.50

0.18

6.34

7.00

76.69

84.71

120

3.00

0.13

8.42

9.30

85.11

94.01

170

3.50

0.09

3.70

4.09

88.81

98.10

200

3.75

0.07

0.20

0.22

89.01

98.32

230

4.00

0.06

0.08

0.09

89.09

98.41

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.12

2.45

1.80

0.74

0.02

-0.39

-1.16

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.84

0.56

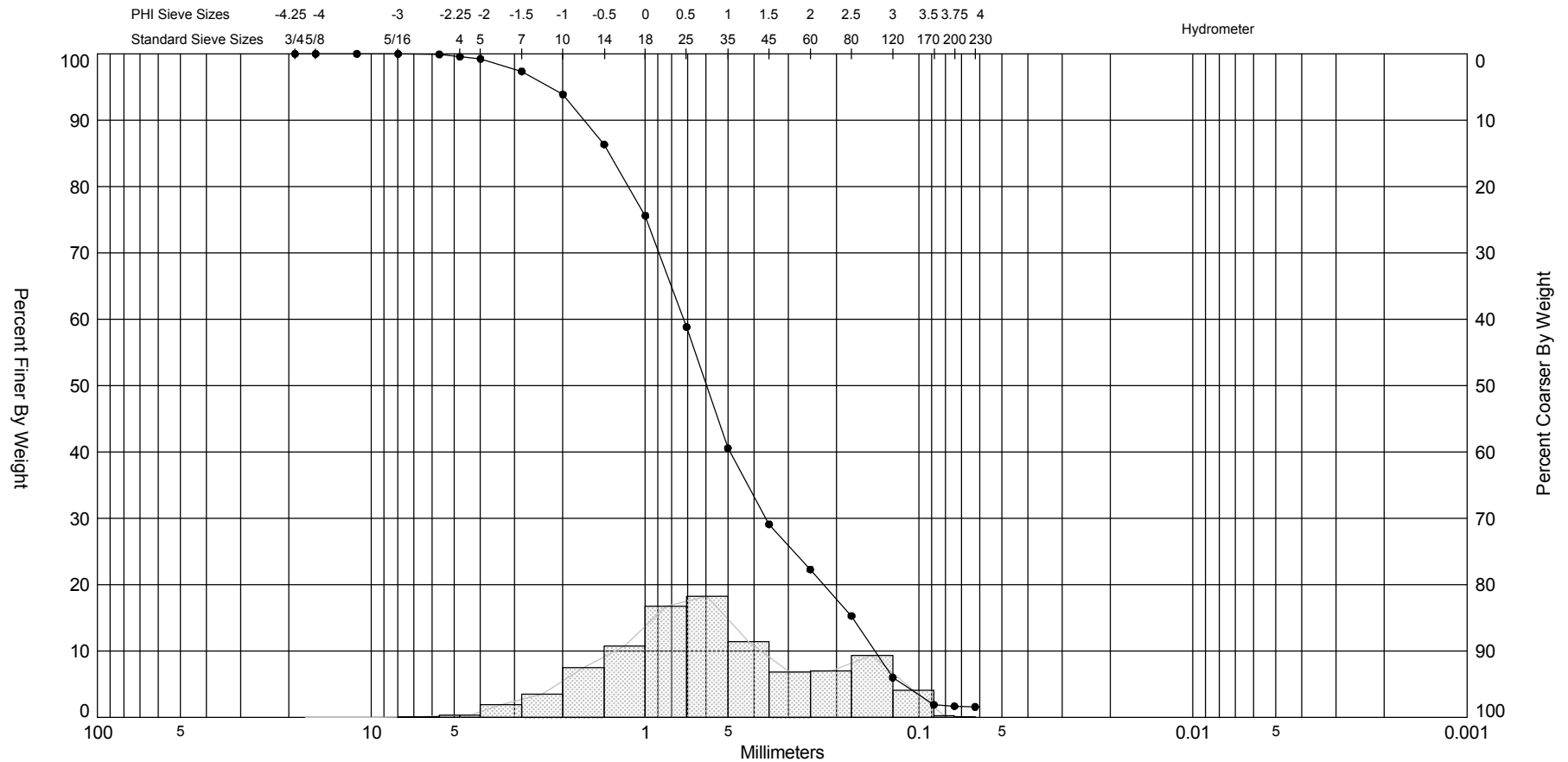
1.25

0.11


2.5

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-07-28 #4	—●—	-37.0	SW	#200 - 1.68 #230 - 1.59			0.74	0.84	0.11	2.5	1.25	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	02-08-07
Depths and elevations based on measured values												Analyzed By:	au
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,697
												Northing (Y, ft):	834,585
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88