

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-10 #6

Analysis Date: 01-29-07

Analyzed By: mc

Easting (ft):

972,474

Northing (ft):

820,638

Coordinate System:

Florida State Plane East

Elevation (ft):

-38.4 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

90.90

Wash Weight (g):

90.01

Pan Retained (g):

0.04

Sieve Loss (%):

0.08

Fines (%):

#200 - 1.16

#230 - 1.09

Organics (%):

Carbonates (%):

Shell Hash (%):

1

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

0.28

0.31

0.28

0.31

3.5

-2.50

5.66

0.56

0.62

0.84

0.93

4

-2.25

4.76

0.33

0.36

1.17

1.29

5

-2.00

4.00

0.44

0.48

1.61

1.77

7

-1.50

2.83

0.82

0.90

2.43

2.67

10

-1.00

2.00

1.26

1.39

3.69

4.06

14

-0.50

1.41

3.02

3.32

6.71

7.38

18

0.00

1.00

4.38

4.82

11.09

12.20

25

0.50

0.71

8.11

8.92

19.20

21.12

35

1.00

0.50

15.57

17.13

34.77

38.25

45

1.50

0.35

19.36

21.30

54.13

59.55

60

2.00

0.25

19.77

21.75

73.90

81.30

80

2.50

0.18

10.24

11.27

84.14

92.57

120

3.00

0.13

4.67

5.14

88.81

97.71

170

3.50

0.09

0.91

1.00

89.72

98.71

200

3.75

0.07

0.12

0.13

89.84

98.84

230

4.00

0.06

0.06

0.07

89.90

98.91

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.74

2.12

1.86

1.28

0.61

0.21

-0.86

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.13

0.46

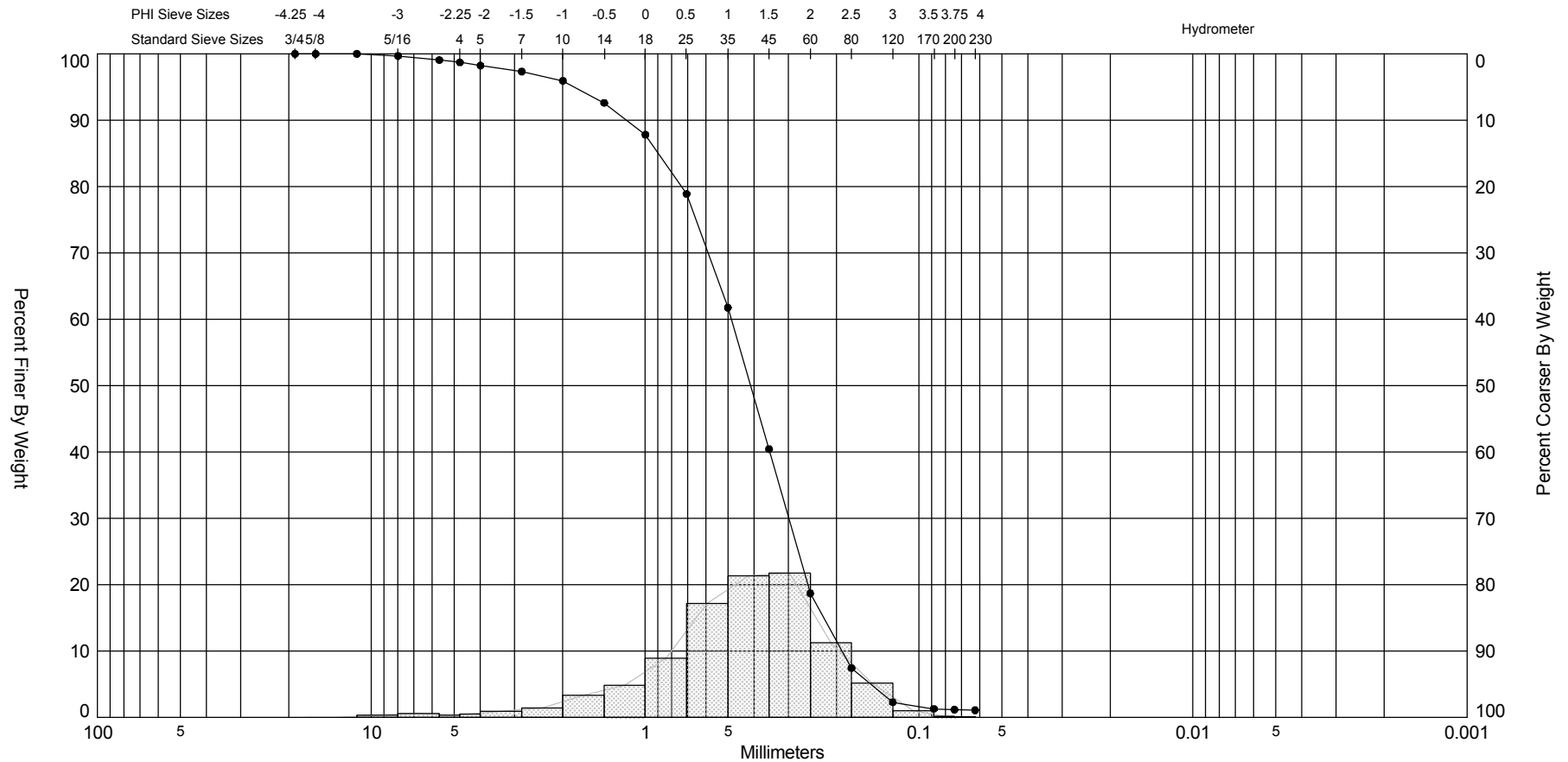
1.07

-1


4.83

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-07-10 #6	—●—	-38.4	SW	#200 - 1.16 #230 - 1.09			1.28	1.13	-1	4.83	1.07	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-29-07
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):	972,474
												Northing (Y, ft):	820,638
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88