

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
FL 33431
ph (561) 391-8102
fax (561) 391-9116

Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-12 #4

Analysis Date: 01-29-07

Analyzed By: au

Easting (ft):

972,623

Northing (ft):

823,399

Coordinate System:

Florida State Plane East

Elevation (ft):

-30.8 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

97.73

Wash Weight (g):

96.68

Pan Retained (g):

0.03

Sieve Loss (%):

0.19

Fines (%):

#200 - 1.36

#230 - 1.31

Organics (%):

Carbonates (%):

40.00

Shell Hash (%):

6

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

0.51

0.52

0.51

0.52

3.5

-2.50

5.66

0.73

0.75

1.24

1.27

4

-2.25

4.76

0.82

0.84

2.06

2.11

5

-2.00

4.00

1.02

1.04

3.08

3.15

7

-1.50

2.83

5.30

5.42

8.38

8.57

10

-1.00

2.00

8.45

8.65

16.83

17.22

14

-0.50

1.41

14.72

15.06

31.55

32.28

18

0.00

1.00

14.95

15.30

46.50

47.58

25

0.50

0.71

17.76

18.17

64.26

65.75

35

1.00

0.50

13.44

13.75

77.70

79.50

45

1.50

0.35

5.86

6.00

83.56

85.50

60

2.00

0.25

1.73

1.77

85.29

87.27

80

2.50

0.18

2.16

2.21

87.45

89.48

120

3.00

0.13

5.27

5.39

92.72

94.87

170

3.50

0.09

3.58

3.66

96.30

98.53

200

3.75

0.07

0.11

0.11

96.41

98.64

230

4.00

0.06

0.05

0.05

96.46

98.69

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.02

1.38

0.84

0.07

-0.74

-1.07

-1.83

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.15

0.90

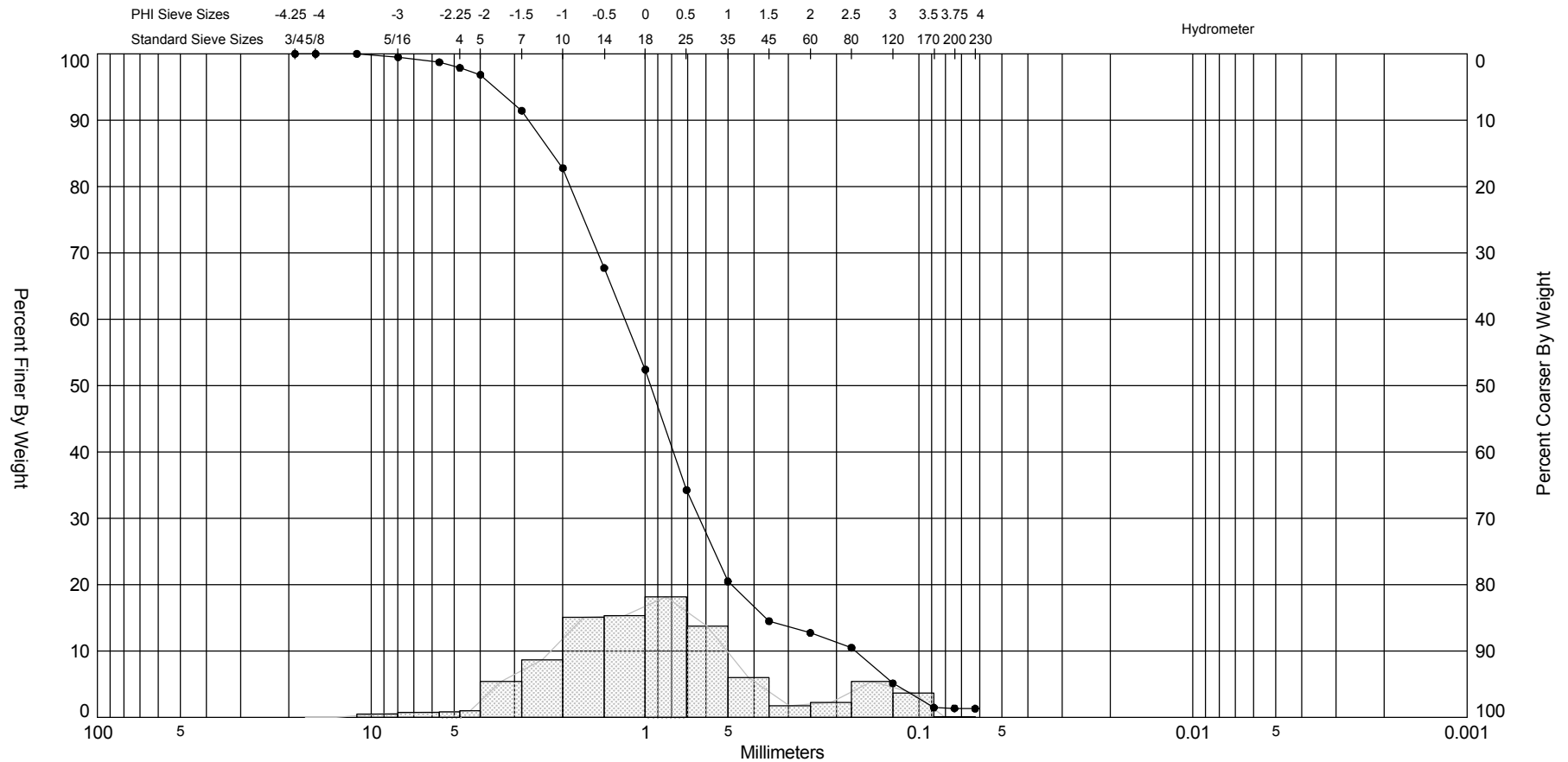
1.33

0.49


3.16

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-07-12 #4	—●—	-30.8	SW	#200 - 1.36 #230 - 1.31		40.00	0.07	0.15	0.49	3.16	1.33	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-29-07
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):	972,623
												Northing (Y, ft):	823,399
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88