

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-07-14 #4

Analysis Date: 01-29-07

Analyzed By: mc

Easting (ft):

972,574

Northing (ft):

825,736

Coordinate System:

Florida State Plane East

Elevation (ft):

-29.6 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-7/2

Washed - 2.5Y-7/2

Comments:

Dry Weight (g):

82.59

Wash Weight (g):

81.40

Pan Retained (g):

0.02

Sieve Loss (%):

0.04

Fines (%):

#200 - 1.54
#230 - 1.50

Organics (%):

Carbonates (%):

40.00

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

0.50

0.61

0.50

0.61

4

-2.25

4.76

0.00

0.00

0.50

0.61

5

-2.00

4.00

0.18

0.22

0.68

0.83

7

-1.50

2.83

0.15

0.18

0.83

1.01

10

-1.00

2.00

0.55

0.67

1.38

1.68

14

-0.50

1.41

1.07

1.30

2.45

2.98

18

0.00

1.00

1.81

2.19

4.26

5.17

25

0.50

0.71

3.90

4.72

8.16

9.89

35

1.00

0.50

6.73

8.15

14.89

18.04

45

1.50

0.35

6.17

7.47

21.06

25.51

60

2.00

0.25

5.41

6.55

26.47

32.06

80

2.50

0.18

11.86

14.36

38.33

46.42

120

3.00

0.13

29.62

35.86

67.95

82.28

170

3.50

0.09

12.97

15.70

80.92

97.98

200

3.75

0.07

0.40

0.48

81.32

98.46

230

4.00

0.06

0.03

0.04

81.35

98.50

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.41

3.05

2.90

2.55

1.47

0.87

-0.04

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.1

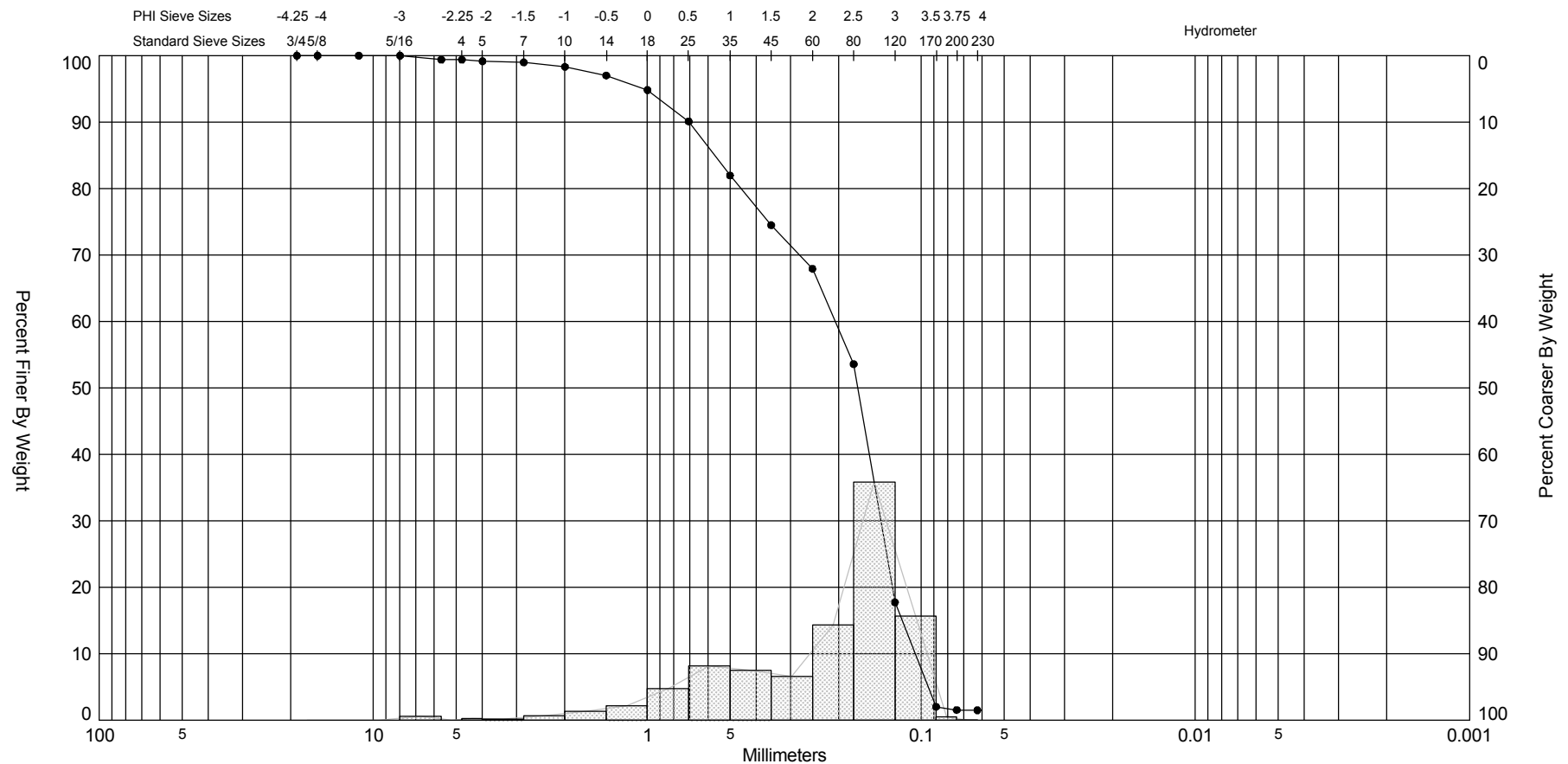
0.23

1.13



-1.41

5.03

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-07-14 #4		-29.6	SW	#200 - 1.54 #230 - 1.50		40.00	2.55	2.1	-1.41	5.03	1.13	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):	972,574
												Northing (Y, ft):	825,736
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88