

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-07-09 #4

Analysis Date: 01-19-07

Analyzed By: au

Easting (ft):

972,441

Northing (ft):

821,595

Coordinate System:

Florida State Plane East

Elevation (ft):

-29.4 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

83.86

Wash Weight (g):

82.75

Pan Retained (g):

0.02

Sieve Loss (%):

0.02

Fines (%):

#200 - 1.36
#230 - 1.36

Organics (%):

Carbonates (%):

40.00

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

0.56

0.67

0.56

0.67

4

-2.25

4.76

0.34

0.41

0.90

1.08

5

-2.00

4.00

0.57

0.68

1.47

1.76

7

-1.50

2.83

1.03

1.23

2.50

2.99

10

-1.00

2.00

1.14

1.36

3.64

4.35

14

-0.50

1.41

2.09

2.49

5.73

6.84

18

0.00

1.00

2.15

2.56

7.88

9.40

25

0.50

0.71

3.05

3.64

10.93

13.04

35

1.00

0.50

3.56

4.25

14.49

17.29

45

1.50

0.35

3.52

4.20

18.01

21.49

60

2.00

0.25

5.32

6.34

23.33

27.83

80

2.50

0.18

13.75

16.40

37.08

44.23

120

3.00

0.13

30.72

36.63

67.80

80.86

170

3.50

0.09

14.53

17.33

82.33

98.19

200

3.75

0.07

0.38

0.45

82.71

98.64

230

4.00

0.06

0.00

0.00

82.71

98.64

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.41

3.09

2.92

2.58

1.78

0.85

-0.87

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.08

0.24

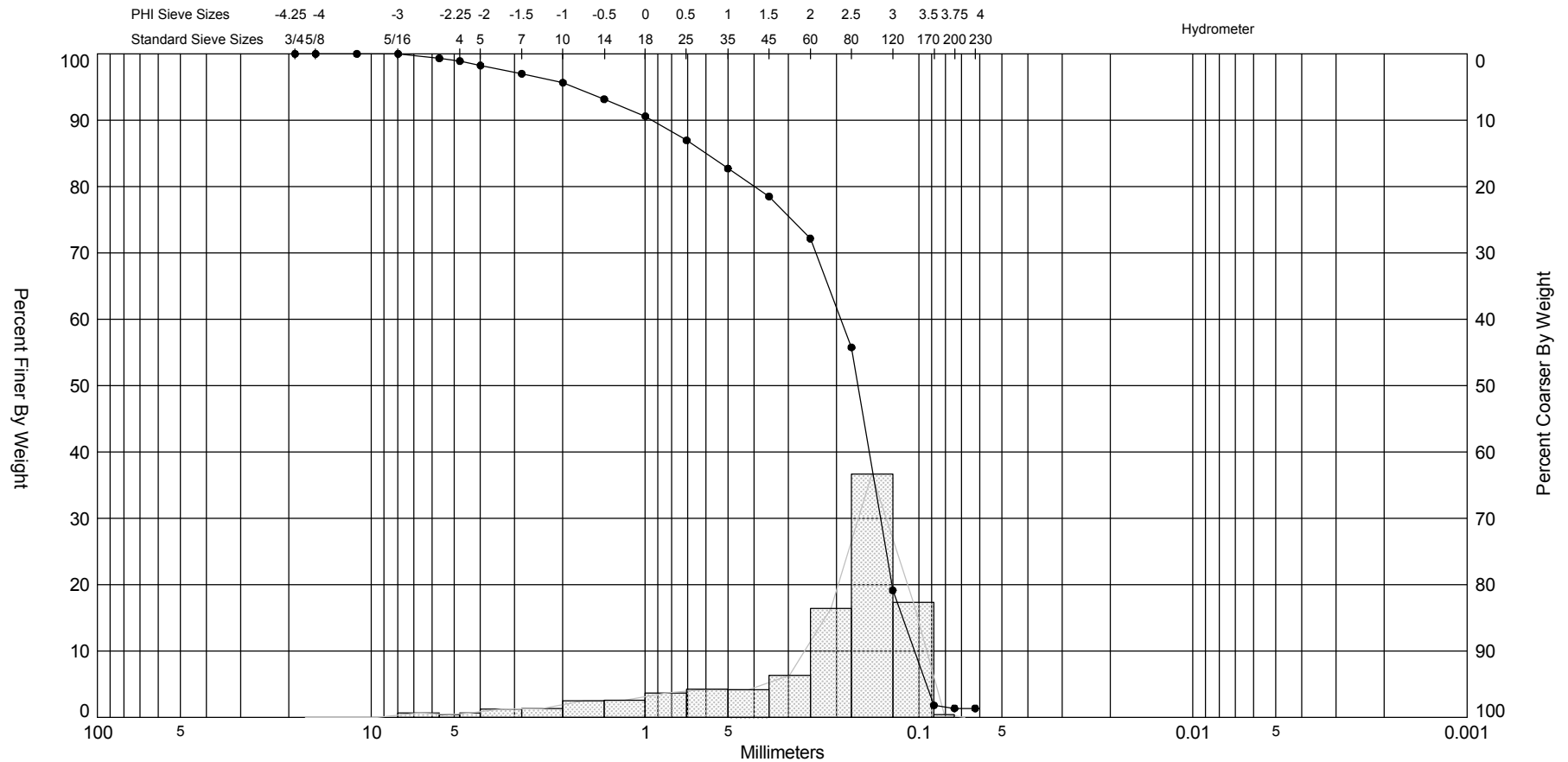
1.3

-1.67


5.28

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-07-09 #4	—●—	-29.4	SW	#200 - 1.36 #230 - 1.36		40.00	2.58	2.08	-1.67	5.28	1.3	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-19-07
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):	972,441
												Northing (Y, ft):	821,595
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88