

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-07-08 #2

Analysis Date: 01-18-07

Analyzed By: mc

Easting (ft):

972,617

Northing (ft):

823,989

Coordinate System:

Florida State Plane East

Elevation (ft):

-29.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

96.55

Wash Weight (g):

95.94

Pan Retained (g):

0.01

Sieve Loss (%):

0.01

Fines (%):

#200 - 0.67

#230 - 0.66

Organics (%):

Carbonates (%):

70.00

Shell Hash (%):

4

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

0.21

0.22

0.21

0.22

4

-2.25

4.76

0.24

0.25

0.45

0.47

5

-2.00

4.00

1.36

1.41

1.81

1.88

7

-1.50

2.83

2.18

2.26

3.99

4.14

10

-1.00

2.00

3.61

3.74

7.60

7.88

14

-0.50

1.41

7.01

7.26

14.61

15.14

18

0.00

1.00

9.88

10.23

24.49

25.37

25

0.50

0.71

16.09

16.66

40.58

42.03

35

1.00

0.50

22.68

23.49

63.26

65.52

45

1.50

0.35

15.03

15.57

78.29

81.09

60

2.00

0.25

6.77

7.01

85.06

88.10

80

2.50

0.18

4.29

4.44

89.35

92.54

120

3.00

0.13

4.61

4.77

93.96

97.31

170

3.50

0.09

1.92

1.99

95.88

99.30

200

3.75

0.07

0.03

0.03

95.91

99.33

230

4.00

0.06

0.01

0.01

95.92

99.34

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.76

1.71

1.30

0.67

-0.02

-0.46

-1.39

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.63

0.65

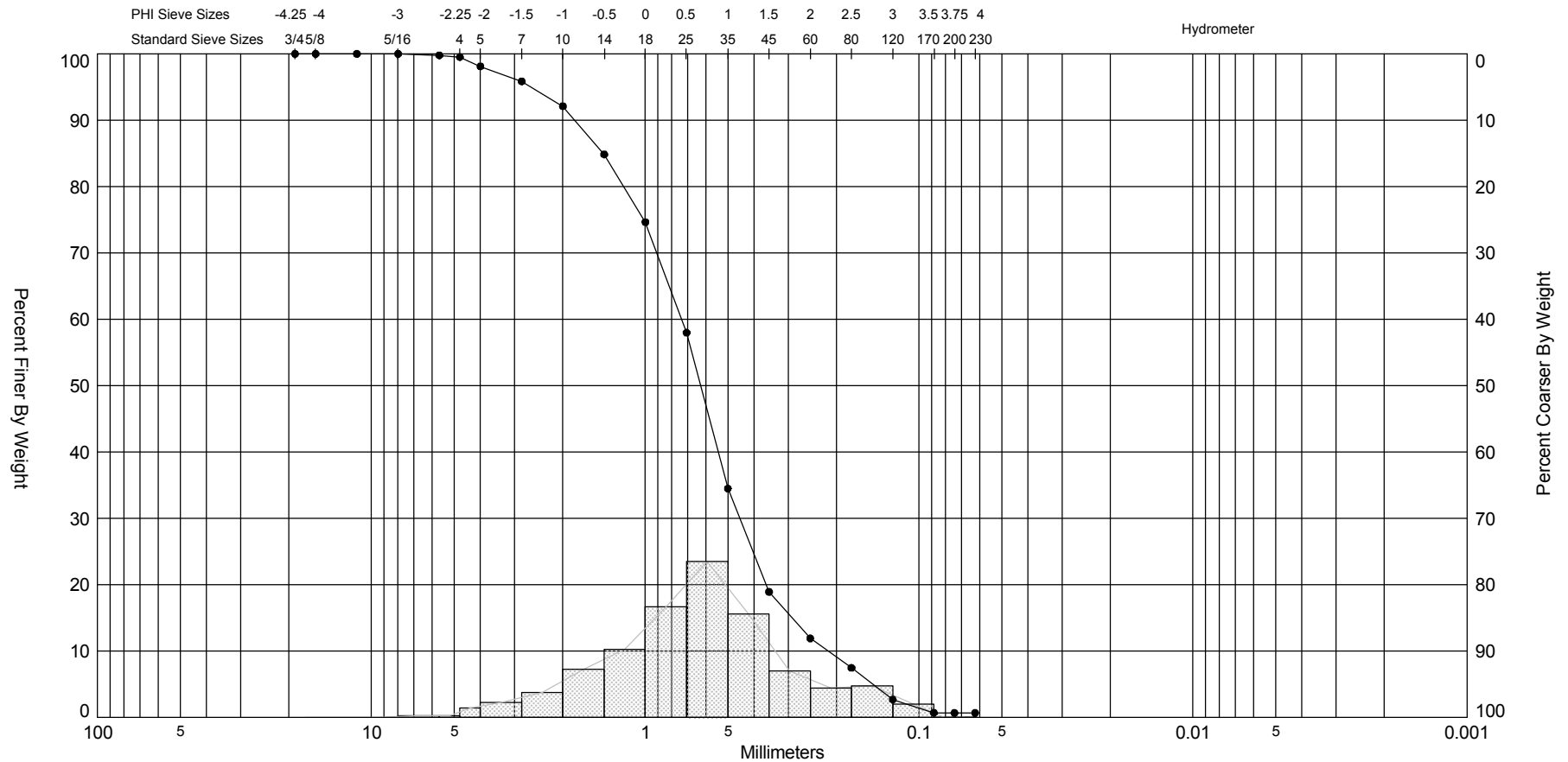
1.13

-0.08


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-07-08 #2	—●—	-29.7	SW	#200 - 0.67 #230 - 0.66		70.00	0.67	0.63	-0.08	3.16	1.13	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-18-07
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):	972,617
												Northing (Y, ft):	823,989
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88