

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-08 #3

Analysis Date: 01-18-07

Analyzed By: mc

Easting (ft):

972,617

Northing (ft):

823,989

Coordinate System:

Florida State Plane East

Elevation (ft):

-30.2 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

89.75

Wash Weight (g):

88.93

Pan Retained (g):

0.00

Sieve Loss (%):

0.11

Fines (%):

#200 - 1.04
#230 - 1.03

Organics (%):

Carbonates (%):

60.00

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

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

0.03

0.03

0.03

0.03

4

-2.25

4.76

0.14

0.16

0.17

0.19

5

-2.00

4.00

0.09

0.10

0.26

0.29

7

-1.50

2.83

0.47

0.52

0.73

0.81

10

-1.00

2.00

1.08

1.20

1.81

2.01

14

-0.50

1.41

2.32

2.58

4.13

4.59

18

0.00

1.00

3.39

3.78

7.52

8.37

25

0.50

0.71

7.95

8.86

15.47

17.23

35

1.00

0.50

14.54

16.20

30.01

33.43

45

1.50

0.35

16.50

18.38

46.51

51.81

60

2.00

0.25

12.51

13.94

59.02

65.75

80

2.50

0.18

11.17

12.45

70.19

78.20

120

3.00

0.13

13.10

14.60

83.29

92.80

170

3.50

0.09

5.34

5.95

88.63

98.75

200

3.75

0.07

0.19

0.21

88.82

98.96

230

4.00

0.06

0.01

0.01

88.83

98.97

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.18

2.70

2.37

1.45

0.74

0.43

-0.45

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.46

0.36

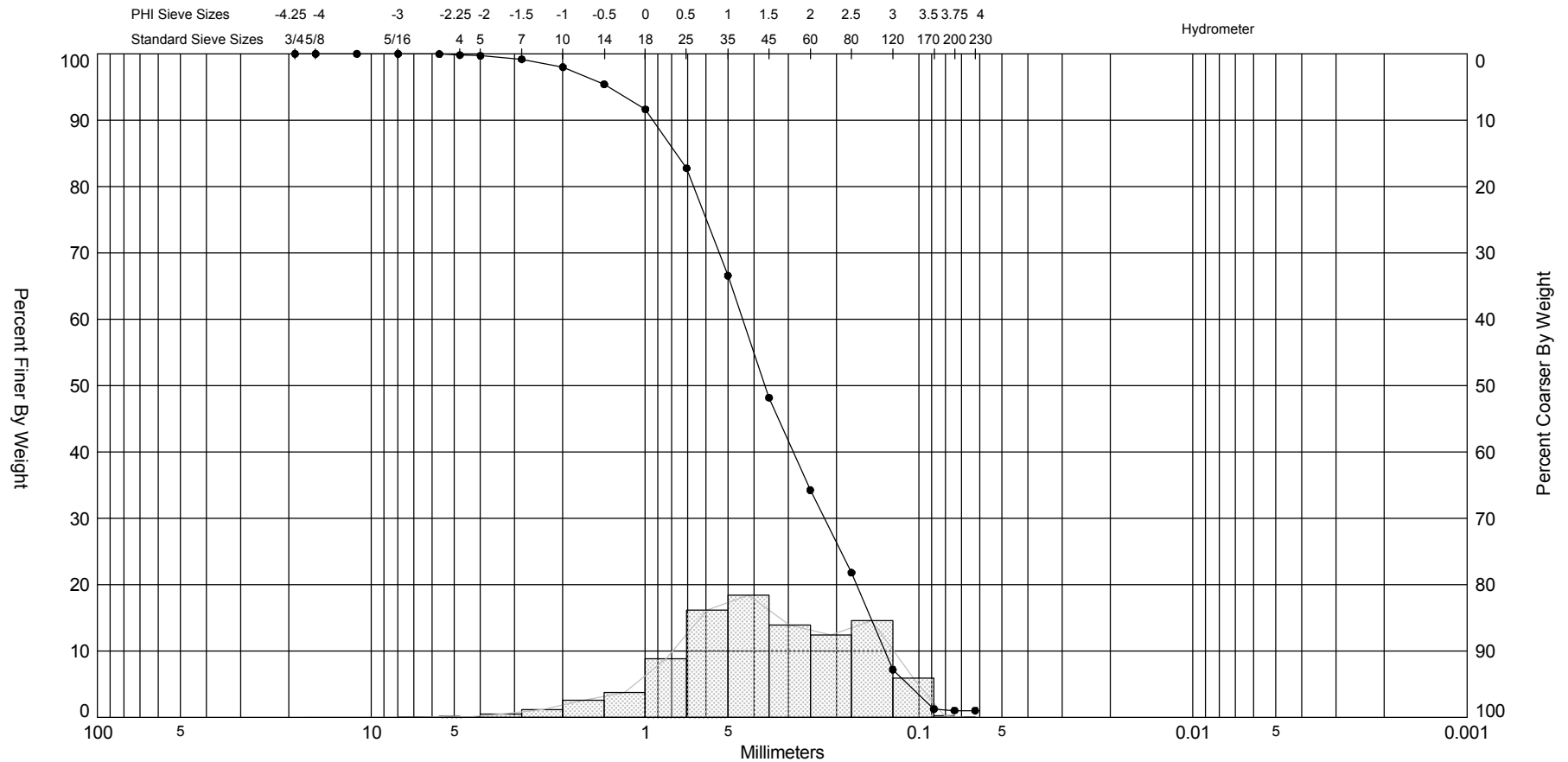
1.09

-0.39


2.94

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 #3	—●—	-30.2	SW	#200 - 1.04 #230 - 1.03		60.00	1.45	1.46	-0.39	2.94	1.09	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