

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-07-18 #4

Analysis Date: 01-30-07

Analyzed By: mc

Easting (ft):

972,472

Northing (ft):

832,070

Coordinate System:

Florida State Plane East

Elevation (ft):

-33.2 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

86.85

Wash Weight (g):

84.90

Pan Retained (g):

0.02

Sieve Loss (%):

0.05

Fines (%):

#200 - 2.38

#230 - 2.31

Organics (%):

Carbonates (%):

60.00

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

0.10

0.12

0.10

0.12

4

-2.25

4.76

0.09

0.10

0.19

0.22

5

-2.00

4.00

0.06

0.07

0.25

0.29

7

-1.50

2.83

0.09

0.10

0.34

0.39

10

-1.00

2.00

0.51

0.59

0.85

0.98

14

-0.50

1.41

1.33

1.53

2.18

2.51

18

0.00

1.00

2.57

2.96

4.75

5.47

25

0.50

0.71

6.18

7.12

10.93

12.59

35

1.00

0.50

10.35

11.92

21.28

24.51

45

1.50

0.35

10.58

12.18

31.86

36.69

60

2.00

0.25

12.51

14.40

44.37

51.09

80

2.50

0.18

15.24

17.55

59.61

68.64

120

3.00

0.13

19.00

21.88

78.61

90.52

170

3.50

0.09

5.94

6.84

84.55

97.36

200

3.75

0.07

0.23

0.26

84.78

97.62

230

4.00

0.06

0.06

0.07

84.84

97.69

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.33

2.85

2.65

1.96

1.02

0.64

-0.08

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.75

0.30

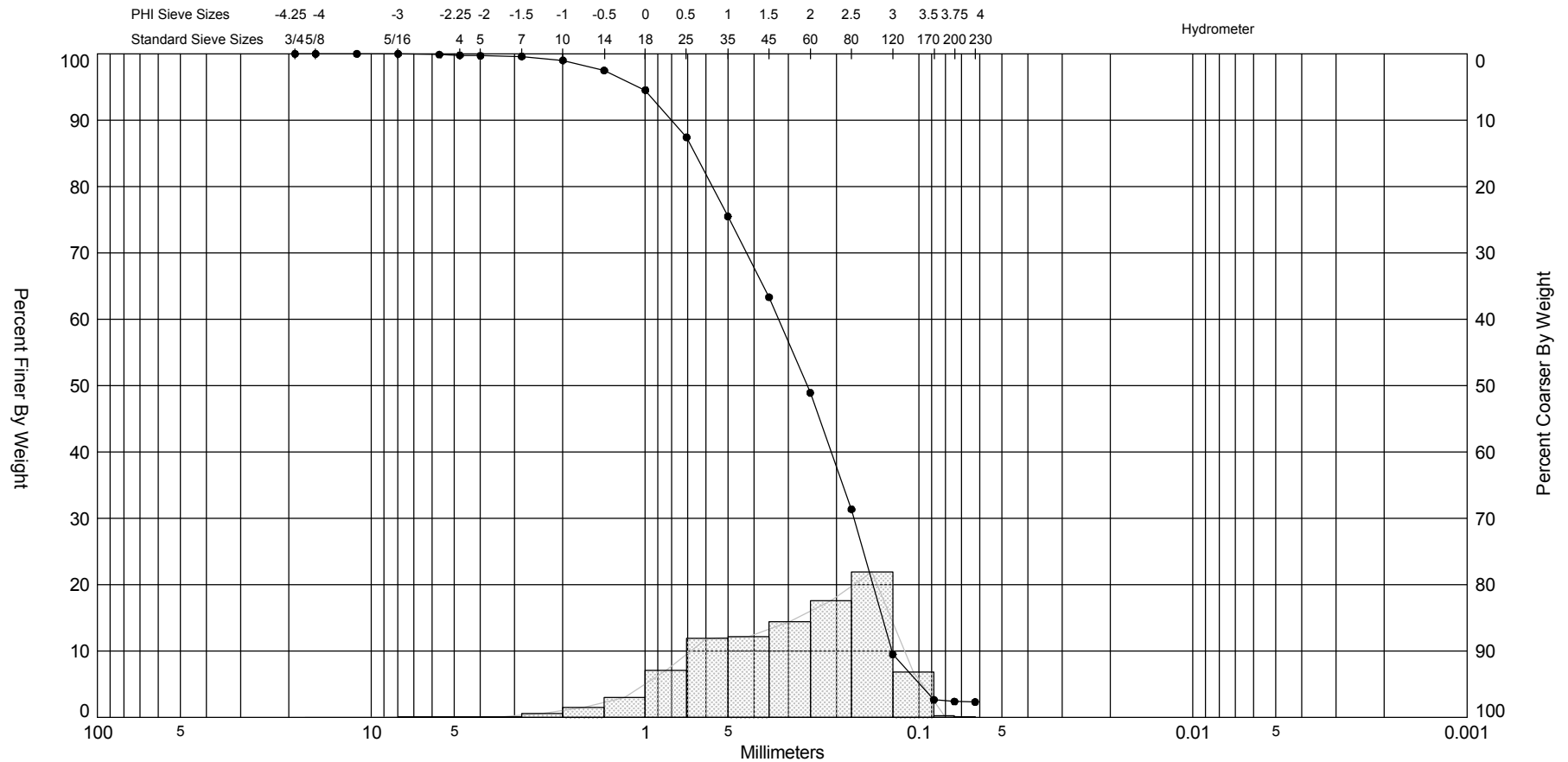
1.05

-0.69


3.19

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-07-18 #4	—●—	-33.2	SW	#200 - 2.38 #230 - 2.31		60.00	1.96	1.75	-0.69	3.19	1.05	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-30-07
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):	972,472
												Northing (Y, ft):	832,070
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88