

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-07-20 #2

Analysis Date: 02-01-07

Analyzed By: au

Easting (ft):

972,737

Northing (ft):

833,222

Coordinate System:

Florida State Plane East

Elevation (ft):

-27.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

86.77

Wash Weight (g):

85.84

Pan Retained (g):

0.03

Sieve Loss (%):

0.14

Fines (%):

#200 - 1.30
#230 - 1.24

Organics (%):

Carbonates (%):

30.00

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

0.00

0.00

0.00

0.00

4

-2.25

4.76

0.05

0.06

0.05

0.06

5

-2.00

4.00

0.14

0.16

0.19

0.22

7

-1.50

2.83

0.26

0.30

0.45

0.52

10

-1.00

2.00

0.73

0.84

1.18

1.36

14

-0.50

1.41

1.49

1.72

2.67

3.08

18

0.00

1.00

2.31

2.66

4.98

5.74

25

0.50

0.71

4.25

4.90

9.23

10.64

35

1.00

0.50

8.71

10.04

17.94

20.68

45

1.50

0.35

9.85

11.35

27.79

32.03

60

2.00

0.25

8.17

9.42

35.96

41.45

80

2.50

0.18

7.57

8.72

43.53

50.17

120

3.00

0.13

21.99

25.34

65.52

75.51

170

3.50

0.09

19.59

22.58

85.11

98.09

200

3.75

0.07

0.53

0.61

85.64

98.70

230

4.00

0.06

0.05

0.06

85.69

98.76

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.43

3.19

2.99

2.49

1.19

0.77

-0.14

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.03

0.24

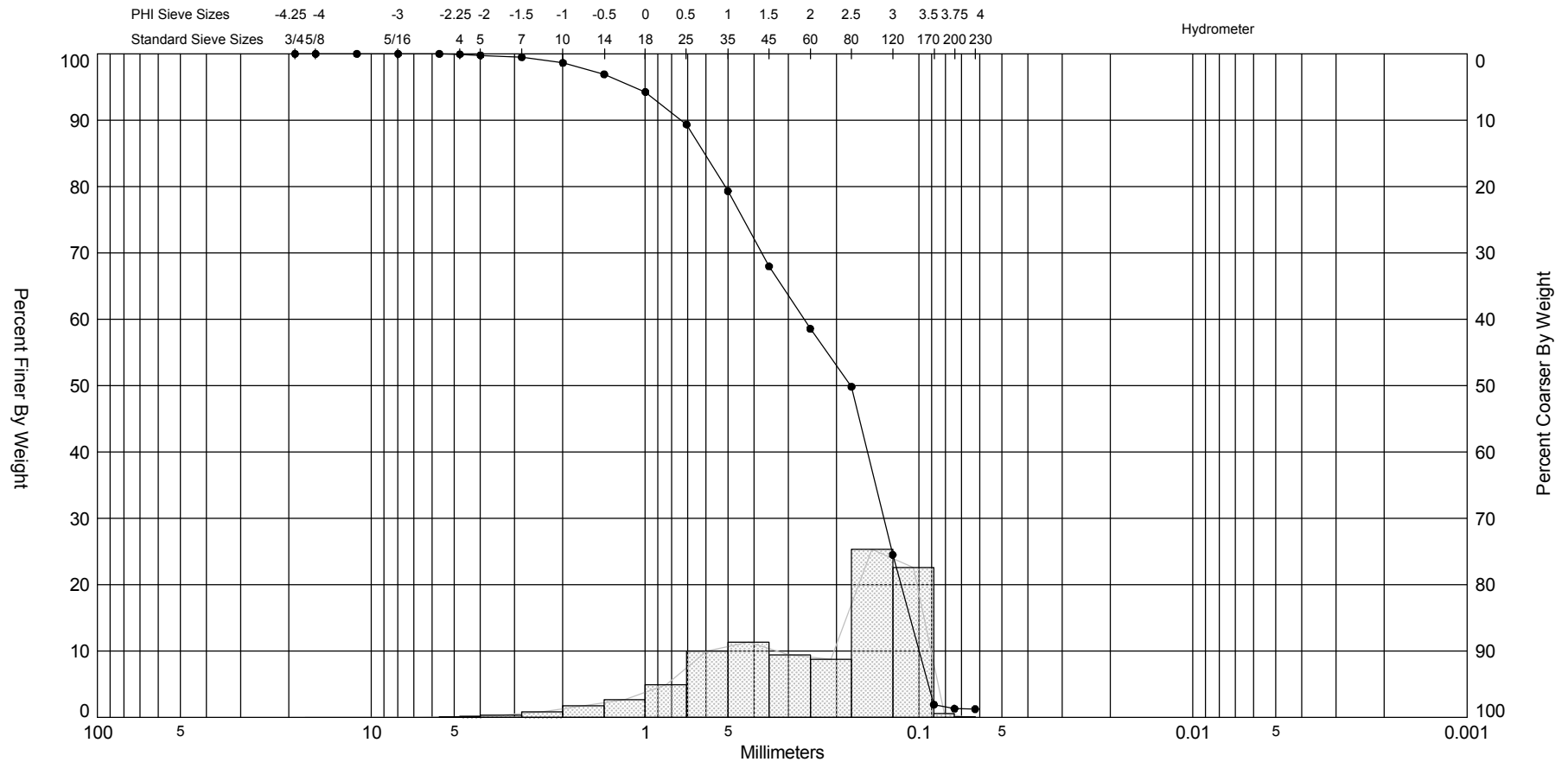
1.16

-0.86


3.05

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-07-20 #2	—●—	-27.7	SW	#200 - 1.30 #230 - 1.24		30.00	2.49	2.03	-0.86	3.05	1.16	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	02-01-07
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):	972,737
												Northing (Y, ft):	833,222
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88