

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-07-19 #2

Analysis Date: 02-01-07

Analyzed By: au

Easting (ft):

972,904

Northing (ft):

832,601

Coordinate System:

Florida State Plane East

Elevation (ft):

-34.3 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

83.04

Wash Weight (g):

81.94

Pan Retained (g):

0.05

Sieve Loss (%):

0.02

Fines (%):

#200 - 1.47

#230 - 1.41

Organics (%):

Carbonates (%):

70.00

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

0.23

0.28

0.23

0.28

4

-2.25

4.76

0.04

0.05

0.27

0.33

5

-2.00

4.00

0.21

0.25

0.48

0.58

7

-1.50

2.83

0.60

0.72

1.08

1.30

10

-1.00

2.00

0.94

1.13

2.02

2.43

14

-0.50

1.41

1.97

2.37

3.99

4.80

18

0.00

1.00

3.16

3.81

7.15

8.61

25

0.50

0.71

6.23

7.50

13.38

16.11

35

1.00

0.50

9.47

11.40

22.85

27.51

45

1.50

0.35

8.30

10.00

31.15

37.51

60

2.00

0.25

6.87

8.27

38.02

45.78

80

2.50

0.18

10.68

12.86

48.70

58.64

120

3.00

0.13

21.83

26.29

70.53

84.93

170

3.50

0.09

10.75

12.95

81.28

97.88

200

3.75

0.07

0.54

0.65

81.82

98.53

230

4.00

0.06

0.05

0.06

81.87

98.59

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.39

2.98

2.81

2.16

0.89

0.49

-0.47

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.79

0.29

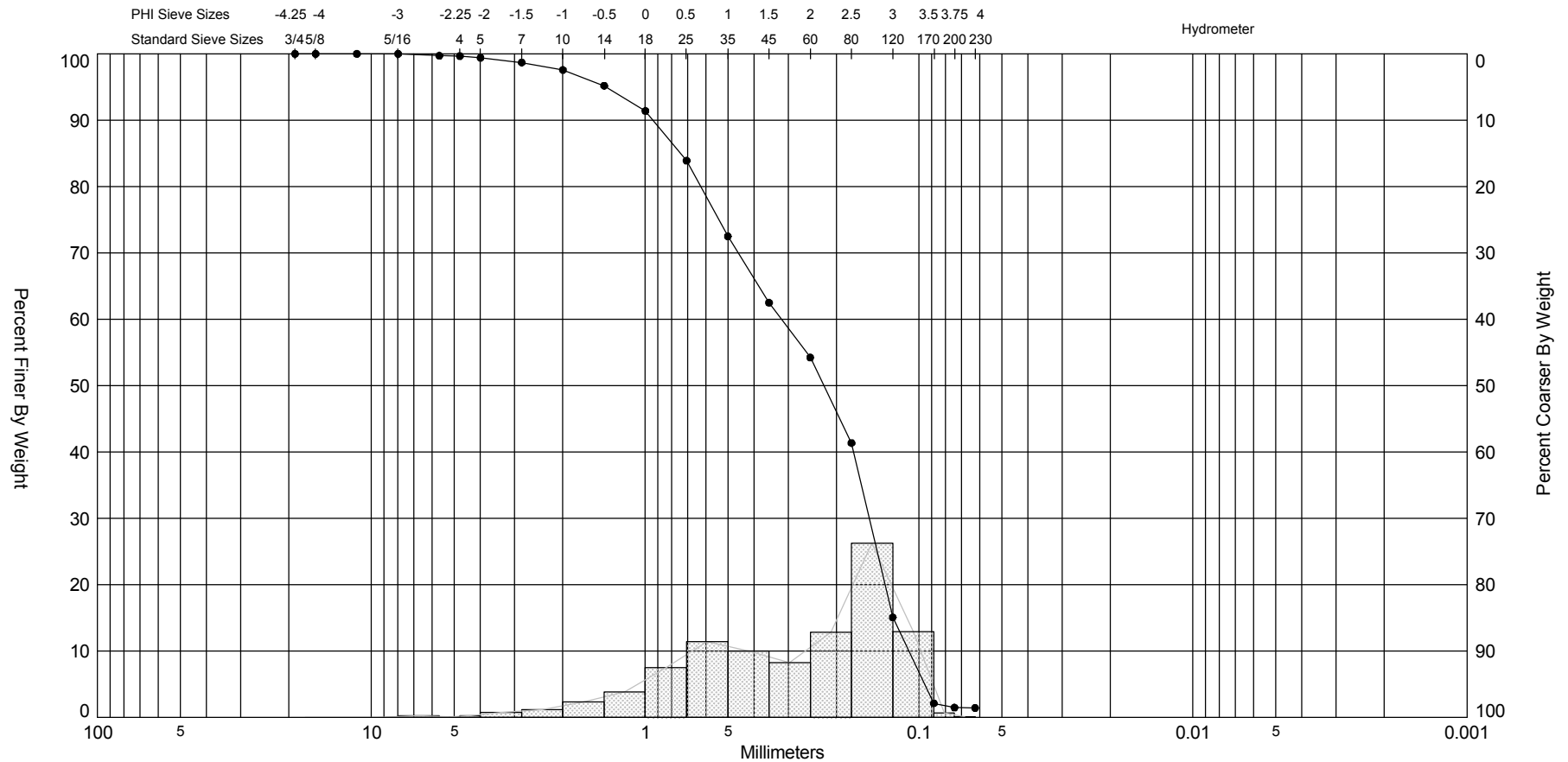
1.24

-0.81


3.08

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-07-19 #2	—●—	-34.3	SW	#200 - 1.47 #230 - 1.41		70.00	2.16	1.79	-0.81	3.08	1.24	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):	972,904
												Northing (Y, ft):	832,601
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88