

Granularmetric Report

Depths and elevations based on measured values



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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-15 #5

Analysis Date: 01-29-07

Analyzed By: mc

Easting (ft):

972,472

Northing (ft):

826,322

Coordinate System:

Florida State Plane East

Elevation (ft):

-29.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

83.07

Wash Weight (g):

81.63

Pan Retained (g):

0.05

Sieve Loss (%):

0.01

Fines (%):

#200 - 1.90

#230 - 1.82

Organics (%):

Carbonates (%):

60.00

Shell Hash (%):

2

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

0.80

0.96

0.80

0.96

3.5

-2.50

5.66

0.85

1.02

1.65

1.98

4

-2.25

4.76

0.03

0.04

1.68

2.02

5

-2.00

4.00

0.15

0.18

1.83

2.20

7

-1.50

2.83

1.29

1.55

3.12

3.75

10

-1.00

2.00

1.80

2.17

4.92

5.92

14

-0.50

1.41

3.25

3.91

8.17

9.83

18

0.00

1.00

3.34

4.02

11.51

13.85

25

0.50

0.71

4.13

4.97

15.64

18.82

35

1.00

0.50

3.57

4.30

19.21

23.12

45

1.50

0.35

2.83

3.41

22.04

26.53

60

2.00

0.25

3.99

4.80

26.03

31.33

80

2.50

0.18

15.77

18.98

41.80

50.31

120

3.00

0.13

31.27

37.64

73.07

87.95

170

3.50

0.09

8.15

9.81

81.22

97.76

200

3.75

0.07

0.28

0.34

81.50

98.10

230

4.00

0.06

0.07

0.08

81.57

98.18

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.36

2.95

2.83

2.49

1.28

0.22

-1.21

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.84

0.28

1.46

-1.48

4.46

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

