

Granularmetric Report

Depths and elevations based on measured values



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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-11 #2

Analysis Date: 01-29-07

Analyzed By: mc

Easting (ft):

972,457

Northing (ft):

822,632

Coordinate System:

Florida State Plane East

Elevation (ft):

-27.6 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

86.94

Wash Weight (g):

85.78

Pan Retained (g):

0.03

Sieve Loss (%):

0.10

Fines (%):

#200 - 1.50

#230 - 1.44

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

0.00

0.00

0.00

0.00

4

-2.25

4.76

0.15

0.17

0.15

0.17

5

-2.00

4.00

0.13

0.15

0.28

0.32

7

-1.50

2.83

0.48

0.55

0.76

0.87

10

-1.00

2.00

1.32

1.52

2.08

2.39

14

-0.50

1.41

2.90

3.34

4.98

5.73

18

0.00

1.00

4.43

5.10

9.41

10.83

25

0.50

0.71

7.30

8.40

16.71

19.23

35

1.00

0.50

9.56

11.00

26.27

30.23

45

1.50

0.35

8.51

9.79

34.78

40.02

60

2.00

0.25

8.64

9.94

43.42

49.96

80

2.50

0.18

12.83

14.76

56.25

64.72

120

3.00

0.13

20.67

23.78

76.92

88.50

170

3.50

0.09

8.52

9.80

85.44

98.30

200

3.75

0.07

0.17

0.20

85.61

98.50

230

4.00

0.06

0.05

0.06

85.66

98.56

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.33

2.91

2.72

2.00

0.76

0.31

-0.61

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.66

0.32

1.23

-0.66

2.6

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

