

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
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Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-02 #BOT

Analysis Date: 03-10-06

Analyzed By: AMS

Easting (ft):

912,649

Northing (ft):

1,091,031

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

Wet - 5Y-4/1

Dry - 2.5Y-5/1

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

95.65

Wash Weight (g):

94.28

Pan Retained (g):

0.06

Sieve Loss (%):

0.05

Fines (%):

#200 - 1.82

#230 - 1.55

Organics (%):

Carbonates (%):

Shells (%):

4

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

0.45

0.47

0.45

0.47

5/16"

-3.00

8.00

0.23

0.24

0.68

0.71

3.5

-2.50

5.66

1.22

1.28

1.90

1.99

4

-2.25

4.76

0.23

0.24

2.13

2.23

5

-2.00

4.00

0.67

0.70

2.80

2.93

7

-1.50

2.83

1.27

1.33

4.07

4.26

10

-1.00

2.00

1.63

1.70

5.70

5.96

14

-0.50

1.41

3.34

3.49

9.04

9.45

18

0.00

1.00

4.62

4.83

13.66

14.28

25

0.50

0.71

8.04

8.41

21.70

22.69

35

1.00

0.50

15.29

15.99

36.99

38.67

45

1.50

0.35

23.41

24.47

60.40

63.15

60

2.00

0.25

21.88

22.88

82.28

86.02

80

2.50

0.18

8.09

8.46

90.37

94.48

120

3.00

0.13

1.86

1.94

92.23

96.42

170

3.50

0.09

1.12

1.17

93.35

97.60

200

3.75

0.07

0.56

0.59

93.91

98.18

230

4.00

0.06

0.26

0.27

94.17

98.45

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.63

1.96

1.76

1.23

0.57

0.10

-1.28

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.01

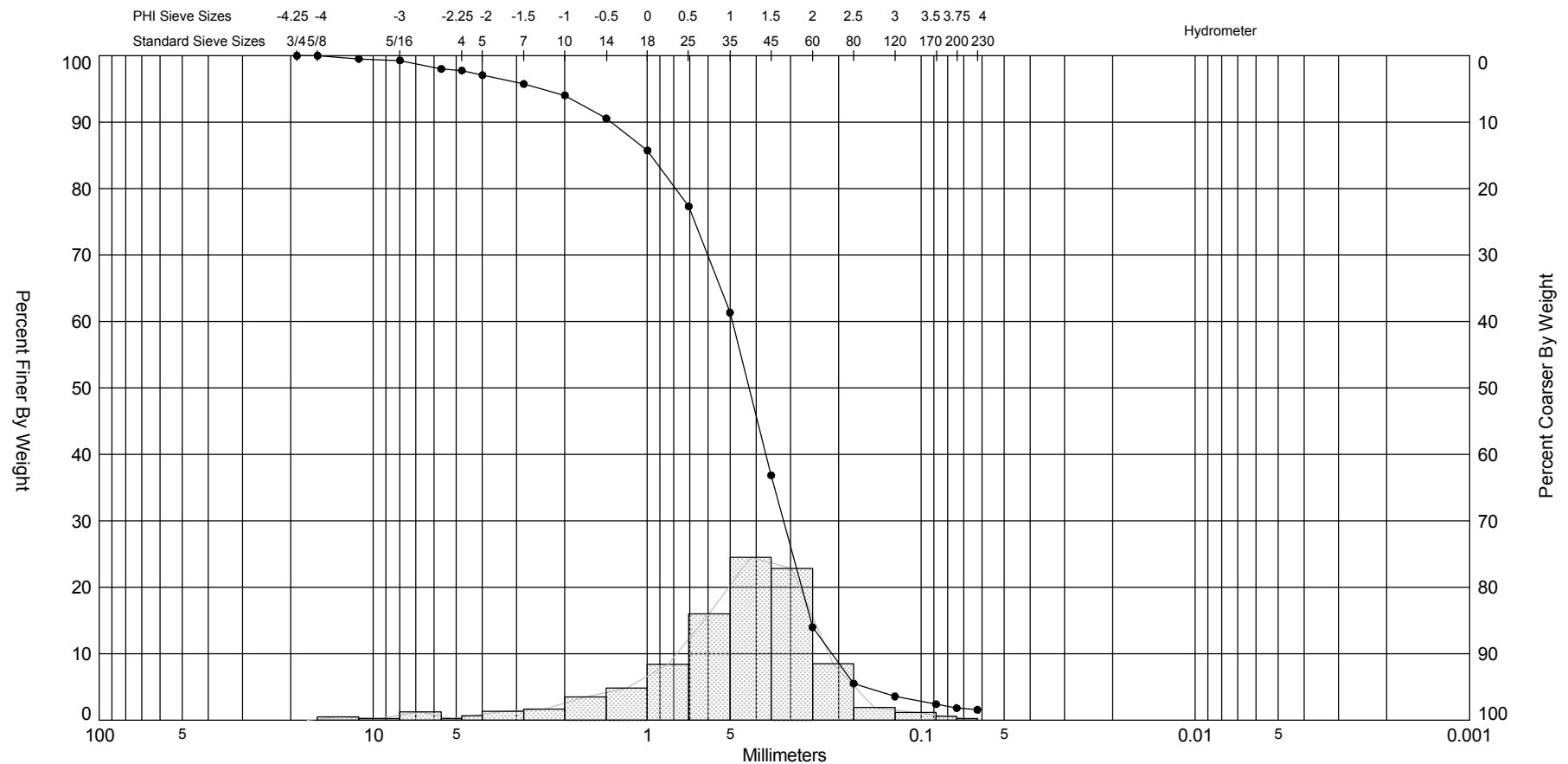
0.50

1.15



-1.21

5.56

GRANULARMETRIC REPORT ST. LUCIE JP.GPJ FL DEP ROSS.GDT 3/30/06



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	
SLJP-06-02 #BOT			SW	#200 - 1.82 #230 - 1.55			1.23	1.01	-1.21	5.56	1.15	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-10-06
Depths and elevations based on measured values												Analyzed By:	AMS
							Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116					Easting (X, ft):	912,649
												Northing (Y, ft):	1,091,031
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88