

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-25 #BOT

Analysis Date: 03-09-06

Analyzed By: AMS

Easting (ft):

915,046

Northing (ft):

1,081,745

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

Wet - 5Y-4/1
Dry - 2.5Y-5/1
Washed - 5Y-6/1

Comments:

Dry Weight (g):

118.09

Wash Weight (g):

115.52

Pan Retained (g):

0.25

Sieve Loss (%):

0.05

Fines (%):

#200 - 3.56
#230 - 2.44

Organics (%):

Carbonates (%):

Shells (%):

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

0.03

0.03

0.03

0.03

5

-2.00

4.00

0.21

0.18

0.24

0.20

7

-1.50

2.83

0.77

0.65

1.01

0.86

10

-1.00

2.00

1.10

0.93

2.11

1.79

14

-0.50

1.41

2.38

2.02

4.49

3.80

18

0.00

1.00

2.97

2.52

7.46

6.32

25

0.50

0.71

5.52

4.67

12.98

10.99

35

1.00

0.50

9.15

7.75

22.13

18.74

45

1.50

0.35

13.56

11.48

35.69

30.22

60

2.00

0.25

33.24

28.15

68.93

58.37

80

2.50

0.18

26.72

22.63

95.65

81.00

120

3.00

0.13

9.39

7.95

105.04

88.95

170

3.50

0.09

6.20

5.25

111.24

94.20

200

3.75

0.07

2.65

2.24

113.89

96.44

230

4.00

0.06

1.32

1.12

115.21

97.56

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.59

2.69

2.37

1.85

1.27

0.82

-0.26

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.72

0.30

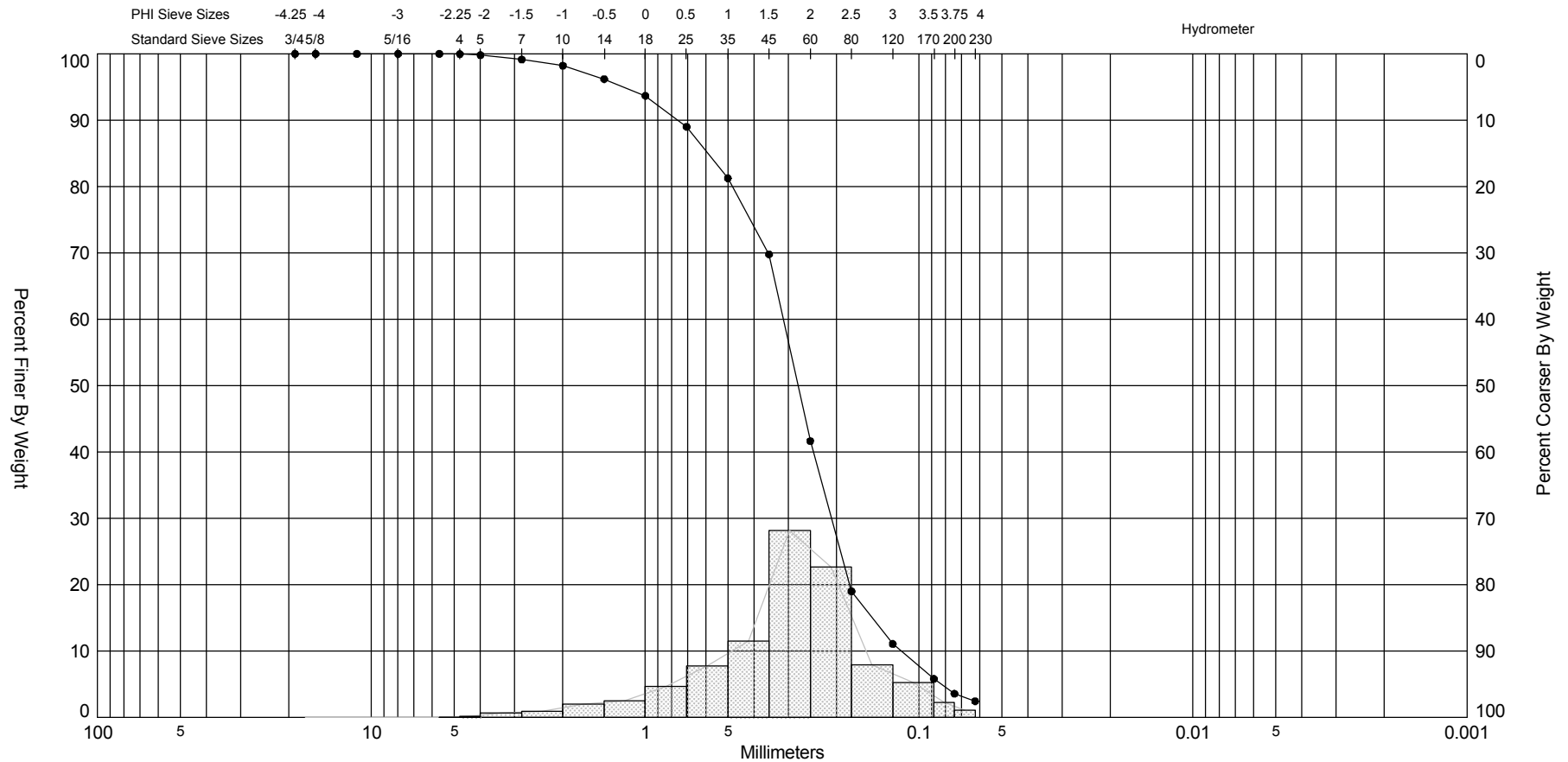
1.02

-0.77


4.25

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

SIEVE ANALYSIS ST. LUCIE JP.GPJ FL DEP ROSS.GDT 8/8/06



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-06-25 #BOT	—●—		SW	#200 - 3.56 #230 - 2.44			1.85	1.72	-0.77	4.25	1.02	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-09-06
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):	915,046
												Northing (Y, ft):	1,081,745
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88