

# 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-06-14 #BOT

Analysis Date: 03-18-06

Analyzed By: AMS

Easting (ft):

914,024

Northing (ft):

1,079,768

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SP

Munsell:

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

Comments:

Dry Weight (g):

96.53

Wash Weight (g):

94.06

Pan Retained (g):

0.05

Sieve Loss (%):

0.07

Fines (%):

#200 - 2.95  
#230 - 2.68

Organics (%):

Carbonates (%):

Shells (%):

15

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

2.83

2.93

2.83

2.93

5/16"

-3.00

8.00

0.67

0.69

3.50

3.63

3.5

-2.50

5.66

2.68

2.78

6.18

6.40

4

-2.25

4.76

0.95

0.98

7.13

7.39

5

-2.00

4.00

1.53

1.58

8.66

8.97

7

-1.50

2.83

5.49

5.69

14.15

14.66

10

-1.00

2.00

8.60

8.91

22.75

23.57

14

-0.50

1.41

13.20

13.67

35.95

37.24

18

0.00

1.00

11.14

11.54

47.09

48.78

25

0.50

0.71

14.59

15.11

61.68

63.90

35

1.00

0.50

12.89

13.35

74.57

77.25

45

1.50

0.35

9.57

9.91

84.14

87.16

60

2.00

0.25

4.64

4.81

88.78

91.97

80

2.50

0.18

1.13

1.17

89.91

93.14

120

3.00

0.13

1.07

1.11

90.98

94.25

170

3.50

0.09

1.86

1.93

92.84

96.18

200

3.75

0.07

0.84

0.87

93.68

97.05

230

4.00

0.06

0.26

0.27

93.94

97.32

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.19

1.34

0.92

0.04

-0.95

-1.42

-2.75

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

-0.1

1.07

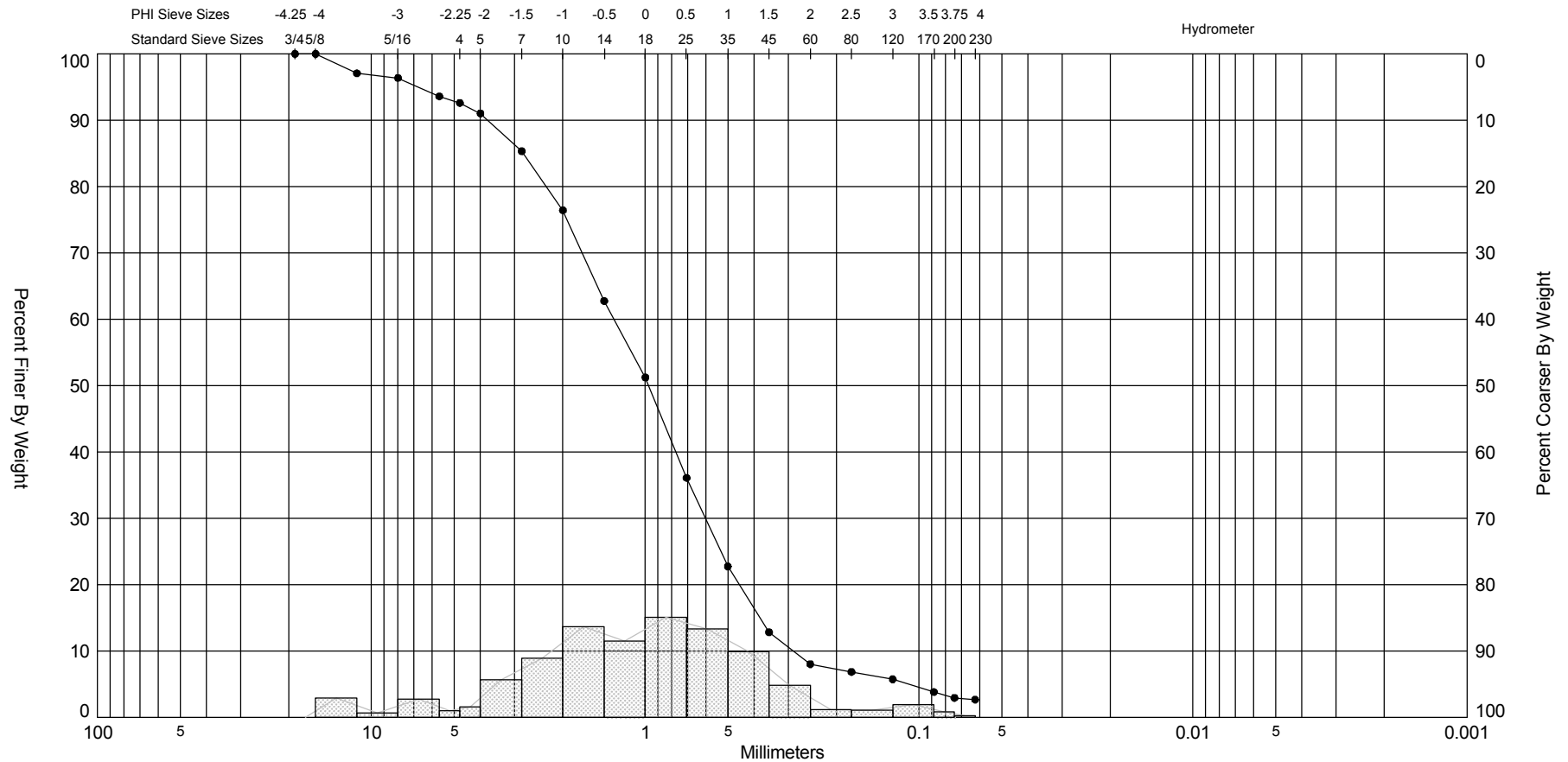
1.47

-0.14


3.36

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-06-14 #BOT	—●—		SP	#200 - 2.95 #230 - 2.68			0.04	-0.1	-0.14	3.36	1.47	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-18-06
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):	914,024
												Northing (Y, ft):	1,079,768
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88