

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
FL 33431
ph (561) 391-8102
fax (561) 391-9116

Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-12 #BOT

Analysis Date: 03-18-06

Analyzed By: AMS

Easting (ft):

914,236

Northing (ft):

1,078,083

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

Wet - 5Y-4/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

113.36

Wash Weight (g):

111.08

Pan Retained (g):

0.13

Sieve Loss (%):

0.13

Fines (%):

#200 - 3.17
#230 - 2.26

Organics (%):

Carbonates (%):

Shells (%):

5

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

0.22

0.19

0.22

0.19

5/16"

-3.00

8.00

0.49

0.43

0.71

0.63

3.5

-2.50

5.66

0.72

0.64

1.43

1.26

4

-2.25

4.76

0.22

0.19

1.65

1.46

5

-2.00

4.00

1.26

1.11

2.91

2.57

7

-1.50

2.83

3.00

2.65

5.91

5.21

10

-1.00

2.00

6.15

5.43

12.06

10.64

14

-0.50

1.41

10.26

9.05

22.32

19.69

18

0.00

1.00

9.46

8.35

31.78

28.03

25

0.50

0.71

13.44

11.86

45.22

39.89

35

1.00

0.50

16.54

14.59

61.76

54.48

45

1.50

0.35

17.00

15.00

78.76

69.48

60

2.00

0.25

13.44

11.86

92.20

81.33

80

2.50

0.18

5.10

4.50

97.30

85.83

120

3.00

0.13

3.89

3.43

101.19

89.26

170

3.50

0.09

5.39

4.75

106.58

94.02

200

3.75

0.07

3.19

2.81

109.77

96.83

230

4.00

0.06

1.03

0.91

110.80

97.74

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.59

2.30

1.73

0.85

-0.18

-0.70

-1.54

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.77

0.59

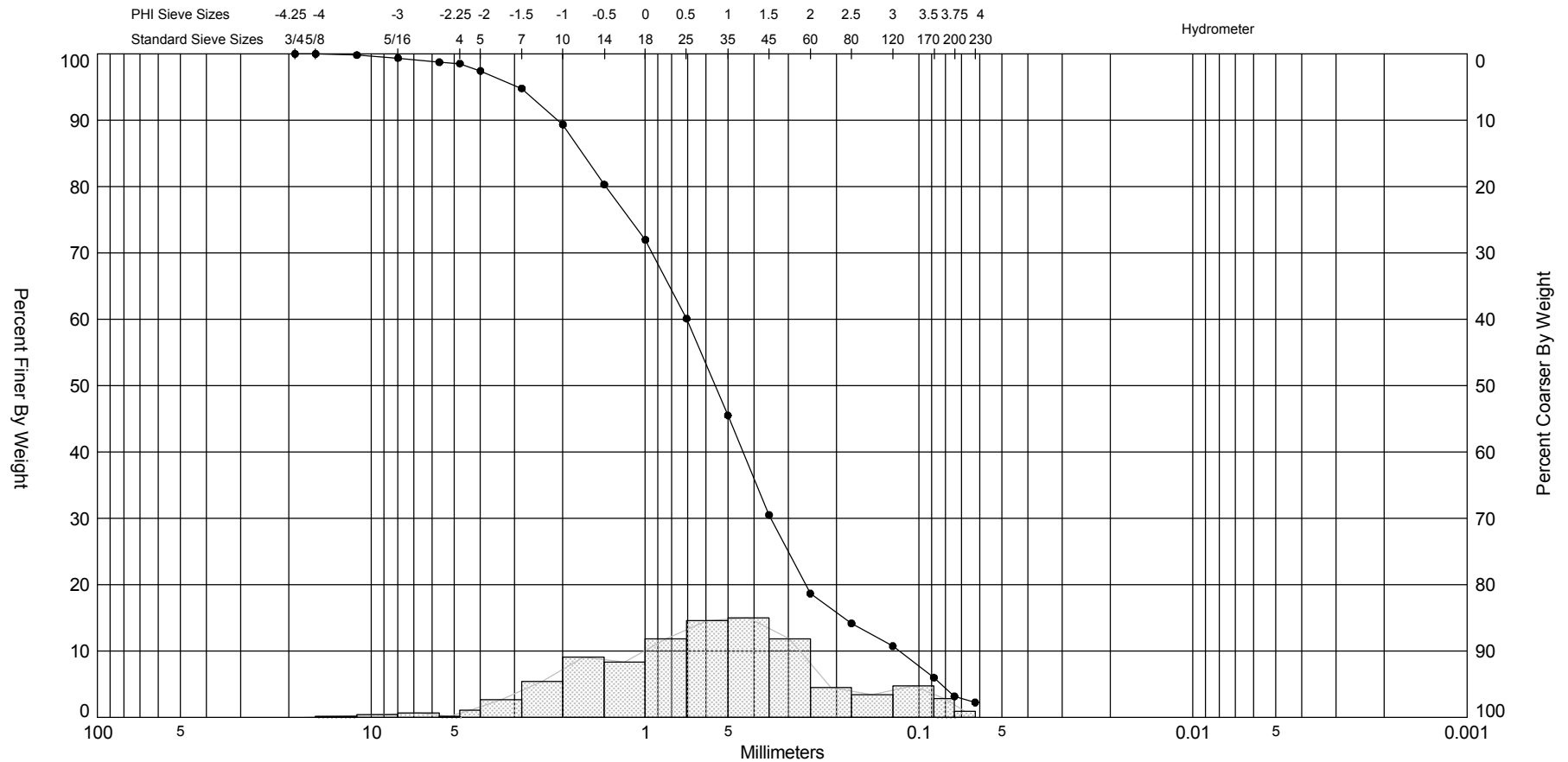
1.43

-0.06


2.86

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-06-12 #BOT	—●—		SW	#200 - 3.17 #230 - 2.26			0.85	0.77	-0.06	2.86	1.43	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):	914,236
												Northing (Y, ft):	1,078,083
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88