

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-06-18 #BOT

Analysis Date: 03-18-06

Analyzed By: AMS

Easting (ft):

931,372

Northing (ft):

1,075,132

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):

119.92

Wash Weight (g):

116.81

Pan Retained (g):

0.06

Sieve Loss (%):

0.00

Fines (%):

#200 - 2.77
#230 - 2.64

Organics (%):

Carbonates (%):

Shells (%):

24

Sieve Number

Sieve Size
(Phi)

Sieve Size
(Millimeters)

Grams
Retained

% Weight
Retained

Cum. Grams
Retained

C. % Weight
Retained

3/4"

-4.25

19.03

4.13

3.44

4.13

3.44

5/8"

-4.00

16.00

6.57

5.48

10.70

8.92

7/16"

-3.50

11.31

2.88

2.40

13.58

11.32

5/16"

-3.00

8.00

5.06

4.22

18.64

15.54

3.5

-2.50

5.66

3.58

2.99

22.22

18.53

4

-2.25

4.76

1.62

1.35

23.84

19.88

5

-2.00

4.00

1.65

1.38

25.49

21.26

7

-1.50

2.83

2.80

2.33

28.29

23.59

10

-1.00

2.00

4.01

3.34

32.30

26.93

14

-0.50

1.41

4.72

3.94

37.02

30.87

18

0.00

1.00

5.08

4.24

42.10

35.11

25

0.50

0.71

7.70

6.42

49.80

41.53

35

1.00

0.50

13.69

11.42

63.49

52.94

45

1.50

0.35

18.55

15.47

82.04

68.41

60

2.00

0.25

20.29

16.92

102.33

85.33

80

2.50

0.18

7.50

6.25

109.83

91.59

120

3.00

0.13

4.44

3.70

114.27

95.29

170

3.50

0.09

1.99

1.66

116.26

96.95

200

3.75

0.07

0.34

0.28

116.60

97.23

230

4.00

0.06

0.15

0.13

116.75

97.36

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.96

1.96

1.69

0.87

-1.29

-2.92

-4.18

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.2

0.87

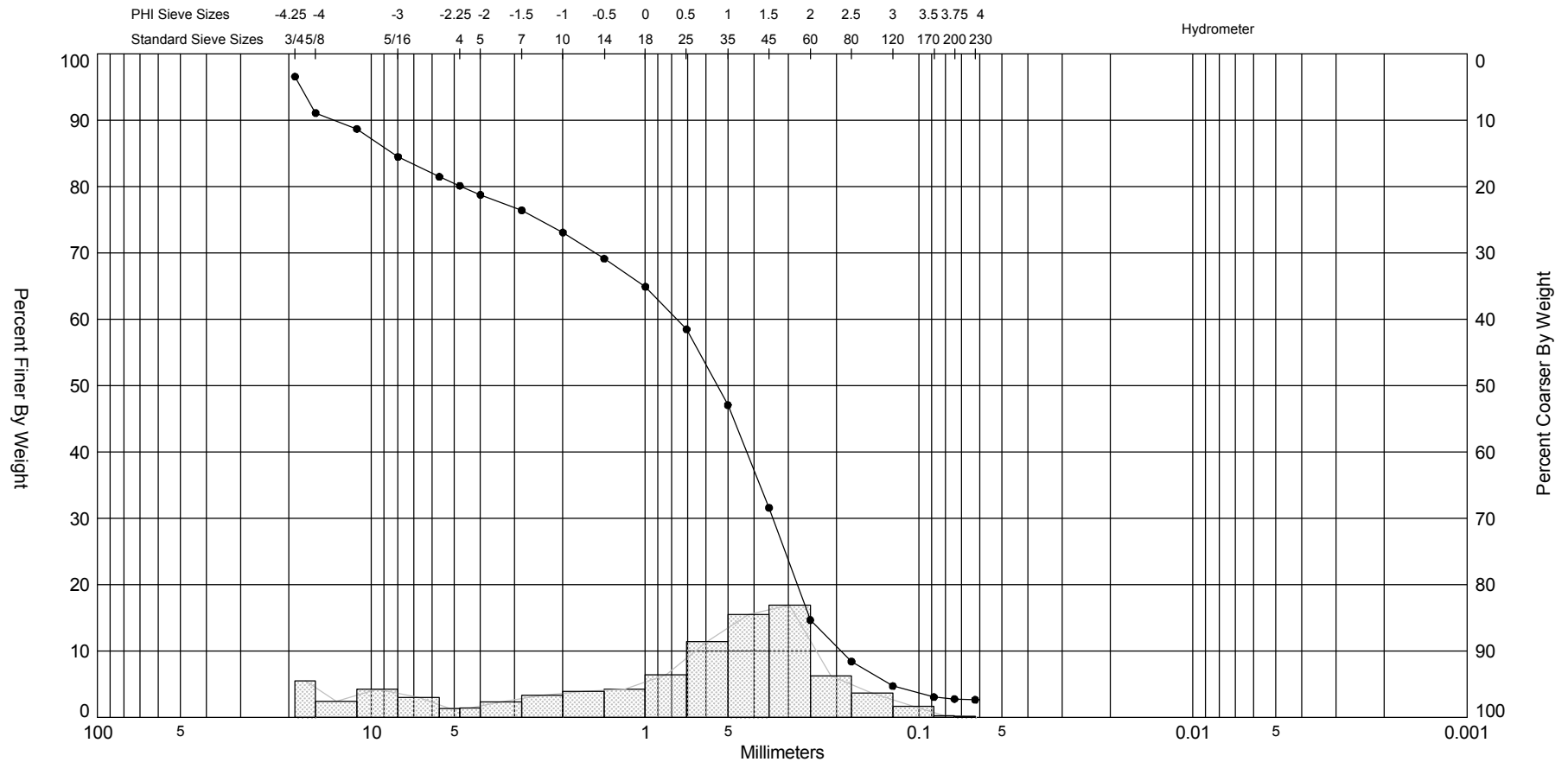
2.02

-0.83


2.57

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-06-18 #BOT	—●—		SW	#200 - 2.77 #230 - 2.64			0.87	0.2	-0.83	2.57	2.02	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):	931,372
												Northing (Y, ft):	1,075,132
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88