

JET PROBE LOG

PROJECT: Collier County

JET PROBE: CCJP-02-14

COORDINATES:

N = 661186

E = 341744

DATE: 12/18/02

START TIME: 0920

END TIME: 0925

WATER DEPTH: 34.5 FT

TOP DIVER: JB

BOTTOM DIVER: ML

NOTES	ELEV.	DEPTH	SYMBOL	DESCRIPTION
LENGTH OF PVC PIPE: 20.0' PENETRATION DEPTH: 7.5' JET PUMP TYPE: BRIGGS & STRATON 3.0 HP GAL/HR: 8460 DIAMETER OF PIPE: 1.5"	-34.5	0		SEA FLOOR
		1		Fine Sand with Shell Hash
	-36.5	2		
SUPPORT VESSEL: CPE II POSITIONING: DIFFERENTIAL GPS USCG BEACON NAVIGATION SYSTEM: "HYPACK"		3		Fine Sand with Shell Fragment Layers
		4		
		5		
WEATHER: WIND: DIR: EAST SPEED: 5 - 10 Kt. WAVES: DIR: EAST HEIGHT: 1 to 2 Ft. CURRENT: DIR: SOUTH SPEED: SLIGHT	-41.5	6		
	-42	7		Rubble
		8		Refusal @ 7.5'
SAND SAMPLES TOP: 0.15 mm (visual estimate) Munsell Color: Wet 5Y-6/1 Dry 5Y-7/1 MID: 0.15 mm, Silt: 3.73%, Shell: 4% Munsell Color: Wet 5Y-6/1 Dry 5Y-7/1 BOTTOM: 0.15 mm (visual estimate) Munsell Color: Wet 5Y-6/1 Dry 5Y-7/1		9		
		10		
		11		
		12		
		13		
		14		
		15		
		16		
		17		
		18		
		19		
		20		
		21		
		22		
		23		
TURBIDITY: TOP (0' - 4.0'): Low BOTTOM: (4.0' - 7.5'): Low		24		
DRAWN BY: JB JOB NO: 8500.04	CHECKED BY: MDA / JLA			

Gradation Analysis Report

Project Name: Collier County
 Sample Name: CCJP-02-14 MID
 Sample Date: 1/05/03
 Analyzed By: ID



Coastal Planning & Engineering, Inc.
 2481 N.W. Boca Raton Blvd.
 Boca Raton, FL 33431

Easting: <div style="text-align: center;">341744</div>	Northing: <div style="text-align: center;">661186</div>	Coordinate System: <div style="text-align: center;">State Plane 1983 FL East Feet</div>	Elevation: <div style="text-align: center;">N/A</div>
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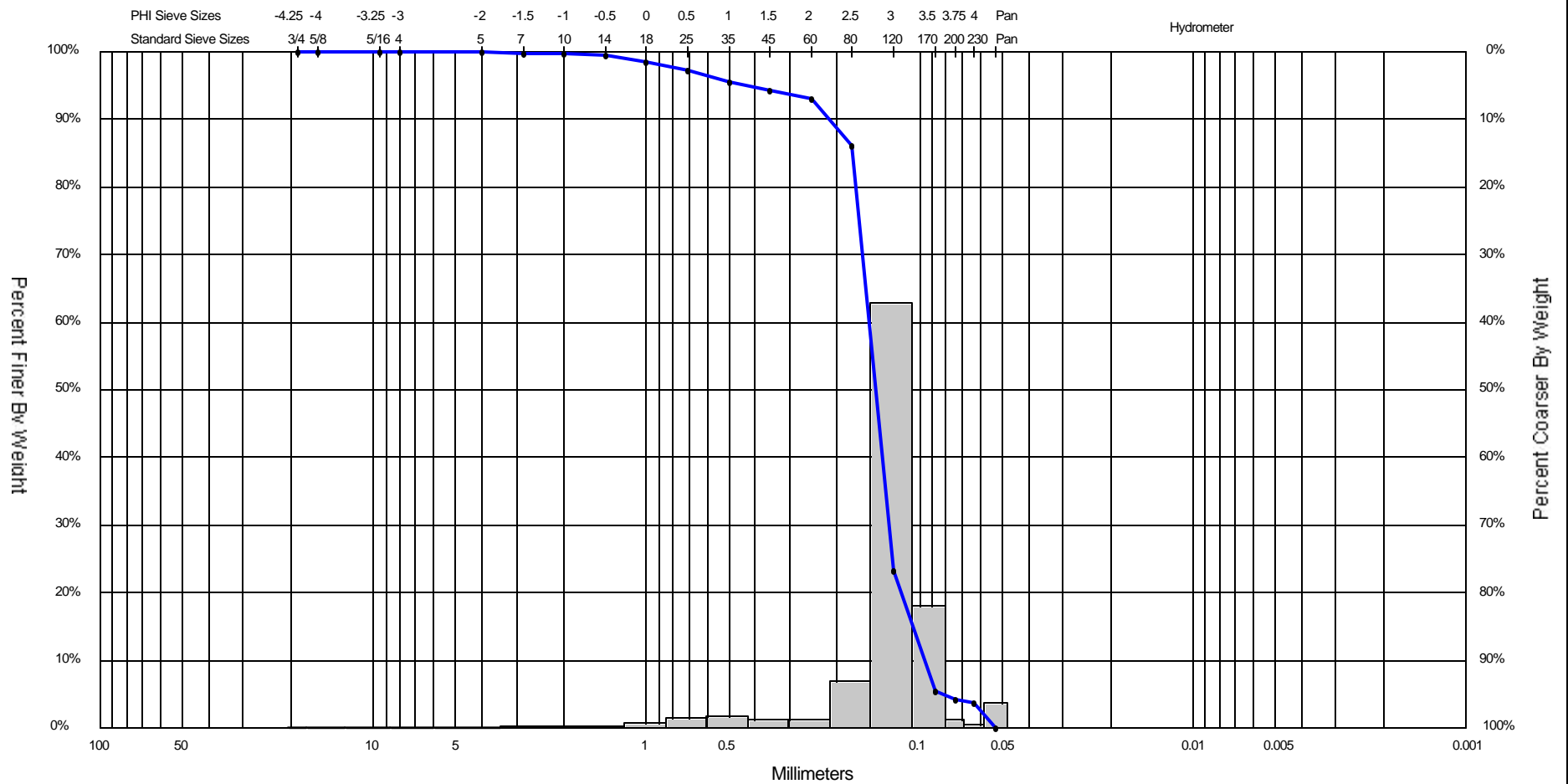
USCS: <div style="text-align: center;">SP</div>	Dry Munsel: <div style="text-align: center;">5Y-7/1</div>	Wet Munsel: <div style="text-align: center;">5Y-6/1</div>	Comments: <div style="text-align: center;">See logs for estimated % shell content</div>
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Dry Weight: <div style="text-align: center;">72.75</div>	Wash Weight: <div style="text-align: center;">70.07</div>	Sieve Loss: <div style="text-align: center;">0.02</div>	Percent Silt: <div style="text-align: center;">3.73</div>	Estimated Percent Shell Content: <div style="text-align: center;">N/A</div>
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Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4	-4.25	19.02	0.00	0.00	0.00	0.00
5/8	-4.00	16.00	0.00	0.00	0.00	0.00
5/16	-3.25	9.51	0.00	0.00	0.00	0.00
4	-3.00	8.00	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.82	0.10	0.14	0.10	0.14
10	-1.00	2.00	0.10	0.14	0.20	0.27
14	-0.50	1.41	0.25	0.34	0.45	0.62
18	0.00	1.00	0.55	0.76	1.00	1.37
25	0.50	0.70	1.07	1.47	2.07	2.85
35	1.00	0.50	1.18	1.62	3.25	4.47
45	1.50	0.35	0.89	1.22	4.14	5.69
60	2.00	0.25	0.90	1.24	5.04	6.93
80	2.50	0.17	5.00	6.87	10.04	13.80
120	3.00	0.12	45.72	62.85	55.76	76.65
170	3.50	0.08	13.08	17.98	68.84	94.63
200	3.75	0.07	0.85	1.17	69.69	95.79
230	4.00	0.06	0.35	0.48	70.04	96.27
Pan	Pan	Pan	2.69	3.70	72.73	99.97

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
1.22	2.52	2.59	2.79	2.99	3.2	3.58

Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Graphic	2.66	0.16	0.53	-0.70	2.43
Moment	2.70	0.15	0.75	-0.96	2.91



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort	Sample Information	
CCJP-02-14 MID		N/A		SP	3.73	0.14	0.15	-0.96	2.91	0.75	Project Name:	Collier County
Incremental % Weight		N/A	Use Left Hand Scale								Collection Date:	1/05/03
											Analyzed By:	ID
 Coastal Planning & Engineering, Inc. 2481 N.W. Boca Raton Blvd. Boca Raton, FL 33431 ph 561 391-8102 fax 561 391-9116											Easting (X):	341744
											Northing (Y):	661186
											Horizontal System:	State Plane 1983 FL East Feet
											Vertical System:	N/A