

JET PROBE LOG

PROJECT: Collier County

JET PROBE: CCJP-02-02

COORDINATES:

N = 595277

E = 404698

DATE: 12/16/02

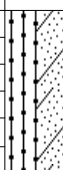
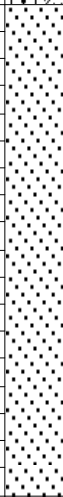
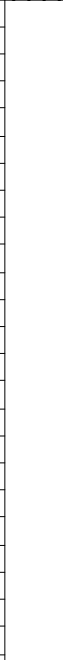
START TIME: 1500

END TIME: 1505

WATER DEPTH: 14.2 FT

TOP DIVER: TP

BOTTOM DIVER: JB

NOTES	ELEV.	DEPTH	SYMBOL	DESCRIPTION		
LENGTH OF PVC PIPE: 20.0'	-14.2	0		SEA FLOOR		
PENETRATION DEPTH: 12.0'		1		Sand with Silt/Clay		
JET PUMP TYPE: BRIGGS & STRATON 3.0 HP		2				
GAL/HR: 8460		3				
DIAMETER OF PIPE: 1.5"	-17.2	4				
SUPPORT VESSEL: CPE II		5		Sand with Shell Hash/Shell Fragments		
POSITIONING: DIFFERENTIAL GPS USCG BEACON		6				
NAVIGATION SYSTEM: "HYPACK"		7				
WEATHER:		8				
WIND:		9				
DIR: NORTH		10				
SPEED: 10-15 Kt.		11				
WAVES:		12				
DIR: NORTH EAST		13				
HEIGHT: 1 to 3 Ft.		14				
CURRENT:		15		Refusal @ 12.0' Resistant Substrate		
DIR: N/A	-26.2	16				
SPEED: N/A		17				
SAND SAMPLES		18				
TOP: 0.18 mm (visual estimate)		19				
Munsell Color: Wet 5Y-6/2 Dry 5Y-7/2		20				
MID: 0.24 mm, Silt: 1.7%, Shell: 15%		21				
Munsell Color: Wet 5Y-6/1 Dry 5Y-7/1		22				
BOTTOM: 0.50 mm (visual estimate)		23				
Munsell Color: Wet 5Y-6/1 Dry 5Y-7/1		24				
TURBIDITY:		25				
TOP (0' - 6'): High		26				
BOTTOM: (6' - 12'): Low		27				
DRAWN BY: JB CHECKED BY: MDA / JLA		28				
JOB NO: 8500.04		29				

Gradation Analysis Report

Project Name: Collier County

Sample Name: CCJP-02-02 MID

Sample Date: 01/04/03

Analyzed By: ID



Coastal Planning & Engineering, Inc.

2481 N.W. Boca Raton Blvd.
Boca Raton, FL 33431

Easting: 404698	Northing: 595277	Coordinate System: State Plane 1983 FL East Feet	Elevation: N/A
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USCS: SW	Dry Munsel: 5Y-7/1	Wet Munsel: 5Y-6/1	Comments: See logs for estimated % shell content
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Dry Weight: 82.31	Wash Weight: 80.95	Sieve Loss: 0.02	Percent Silt: 1.7	Estimated Percent Shell Content: N/A
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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	0.88	1.07	0.88	1.07
4	-3.00	8.00	2.17	2.64	3.05	3.71
5	-2.00	4.00	0.60	0.73	3.65	4.43
7	-1.50	2.82	1.53	1.86	5.18	6.29
10	-1.00	2.00	1.37	1.66	6.55	7.96
14	-0.50	1.41	1.35	1.64	7.90	9.60
18	0.00	1.00	1.05	1.28	8.95	10.87
25	0.50	0.70	0.97	1.18	9.92	12.05
35	1.00	0.50	0.89	1.08	10.81	13.13
45	1.50	0.35	1.22	1.48	12.03	14.62
60	2.00	0.25	2.80	3.40	14.83	18.02
80	2.50	0.17	15.82	19.22	30.65	37.24
120	3.00	0.12	34.70	42.16	65.35	79.39
170	3.50	0.08	13.51	16.41	78.86	95.81
200	3.75	0.07	1.47	1.79	80.33	97.59
230	4.00	0.06	0.58	0.70	80.91	98.30
Pan	Pan	Pan	1.38	1.68	82.29	99.98

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
-1.85	1.7	2.18	2.65	2.95	3.14	3.48

Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Graphic	1.82	0.28	1.17	-2.13	2.85
Moment	2.04	0.24	1.81	-1.49	3.61

