

GEOLOGIC LOG
OF
TEST WELL 83-6
LABELLE, FLORIDA

J. J.

<u>Sample Description</u>	<u>Depth Interval (feet)</u>	<u>Thickness (feet)</u>
SAND - Sand, 100%, very dusky red, quartz, fine- to medium-grained, sub-angular to sub-rounded.	0 - 3	3
SAND AND SHELL - Sand, 60%, dark yellowish brown, quartz, fine- to medium-grained, sub-angular to sub-rounded; Shell, 40%, white and bleached, small to medium-sized fragments.	3 - 4	1
SANDSTONE AND CLAYEY SHELL - Sandstone, 60%, pale brown, quartz, fine-grained, sub-angular to sub-rounded grains, moderately hard, calcareous matrix; Shell, 30%, tan and white, small to medium-sized fragments; Clay, 10%, very pale orange, plastic.	4 - 6	2
CLAYEY SHELL AND SANDSTONE - Shell, 80%, tan, white and gray, small- to medium-sized fragments and whole shells; Clay, 10%, very pale orange, plastic; Sandstone, 10%, pale brown, quartz and trace phosphatic, fine-grained, sub-angular to sub-rounded grains, moderately hard, calcareous matrix.	6 - 30	24
CLAYEY SHELL - Shell, 60%, white, tan and gray, small- to large-sized whole and fragmented shells; Clay, 40%, grayish olive, plastic, silty.	30 - 41	11
SHELL AND SANDSTONE - Shell, 60%, white, tan and gray, small- to medium-sized whole and broken shells; Sandstone, 35%, pale brown, quartz and phosphatic, fine- to medium-grained, sub-angular to sub-rounded grains, moderately hard, calcareous matrix; Clay, 5%, grayish olive, plastic, silty.	41 - 49	8

SANDSTONE AND SANDY SHELL - Sandstone, 45%, pale brown, quartz and phosphatic, fine- to medium-grained, sub-angular to sub-rounded grains, moderately hard, calcareous matrix; Shell, 30%, tan, white and gray, small- to medium-sized whole and broken shells; Sand, 25%, pale yellowish brown, quartz, fine- to medium-grained, sub-angular to sub-rounded.

49 - 68 19

CLAYEY SHELL WITH SANDSTONE - Shell, 70%, white, tan and gray, small- to medium-sized whole and broken shells; Clay, 20%, yellowish gray to grayish yellow, plastic, silty; Sandstone, 10%, pale yellowish brown, quartz and phosphatic, fine- to medium-grained, sub-angular to sub-rounded grains.

68 - 85 17

SHELLY SANDY CLAY - Clay, 40%, yellowish gray, plastic, silty; Shell, 30%, tan, white and gray, small- to medium-sized fragments and whole shells; Sand, 30%, pale yellowish brown, quartz and some phosphatic, fine- to medium-grained, sub-angular to sub-rounded.

85 - 105 20

SAND AND SHELL - Sand, 60%, clear, quartz, coarse- to medium-grained, sub-angular; Shell, 40%, tan and white, large- to small-sized fragments.

105 - 107 2

SHELLY SAND AND CLAY - Sand, 40%, clear, quartz, coarse- to medium-grained, sub-angular; Clay, 40%, grayish olive, plastic, silty; Shell, 20%, tan and white, small- to medium-sized fragments.

107 - 115 8

SHELLY SAND AND CLAY - Sand, 60%, clear, quartz, medium- to coarse-grained, sub-angular; Clay, 30%, grayish olive, plastic, silty; Shell, 10%, tan, gray and white, small to medium fragments.

115 - 125 10

SHELLY SAND WITH CLAY - Sand, 70%, clear, quartz, medium- and coarse-grained, sub-angular; Clay, 20%, grayish olive, plastic, silty; Shell, 10%, tan, gray and white, small to medium fragments.

125 - 138 13

SHELLY SAND - Sand, 90%, quartz and phosphatic (some), clear and black, medium-grained, sub-angular; Shell, 10%, white, tan and gray, small- to medium-sized fragments; Clay, trace, grayish olive, plastic, silty.

138 - 176 38

CLAY AND SHELLY SAND - Clay, grayish olive, 60%, plastic, silty; Sand, 30%, quartz and phosphatic, clear and black, medium- to coarse-grained, sub-angular; Shell, 10%, tan, white and gray, small- to medium-sized fragments.

176 - 24+

TOTAL DEPTH

200