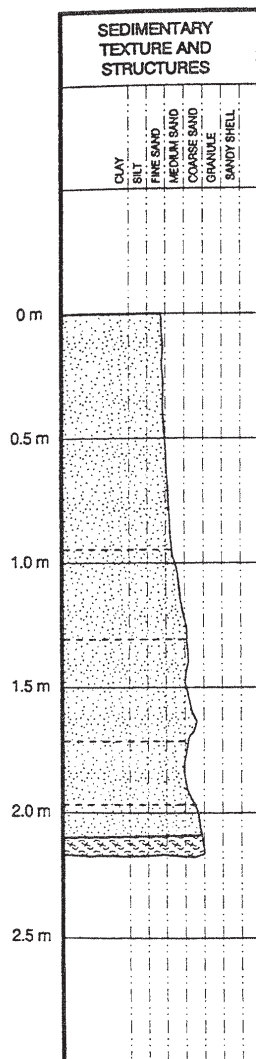


PEN-92-3
-32.61 water depth



LATITUDE: 30:05.97
LONGITUDE: 87:19.15

LOCATION: Outer continental shelf due south of Pensacola Pass

Unit 2 2.13-2.20 m

Coarse to medium tan quartz sand matrix. Numerous shells and shell fragments. Biovalves, echinoderms, and gastropods. Most shells are reworked. Some quartz granules present. Boundary somewhat gradational.

Unit 1 0-2.13 m

Coarse - fine, tan quartz sand with no apparent primary sedimentary structures. Shell fragments abundant from 1.25 to 2.20 m; shell abundance increases significantly between 1.95 and 2.20 m. Large shells and shell fragments dominate from 2.13 to 2.20 m. Entire unit is fining upward.

Sub-unit A 0-0.95 m

Fine to very fine, tan, clean quartz sand. No apparent sedimentary structures. Some 2mm mud balls present from 0-20 cm. Few very small shell fragments present from 0.90-0.95 m. Fining upward unit.

Sub-unit B 0.95 to 1.30 m

Medium to fine, tan, clean quartz sand. No apparent sedimentary structures. Some small shell fragments.

Sub-unit C 1.30 to 2.13m

Coarse to medium, tan, quartz sand. No apparent sedimentary structures. Shells and shell fragments increase towards base of unit. Bioturbation present between 1.74 and 1.96m (described as C'). Some 2-4 mm mud balls from 1.38 to 1.74m. Mud balls contain fine sand within a silty clay matrix. Shell types include bivalves (clams and oysters) and gastropods.

C' 1.74 to 1.96 m

Tan to brown medium to fine sand with some silt. Shell fragments present; small flakes of organic matter at 1.86m. Macrolocomotion bioturbation is present throughout.