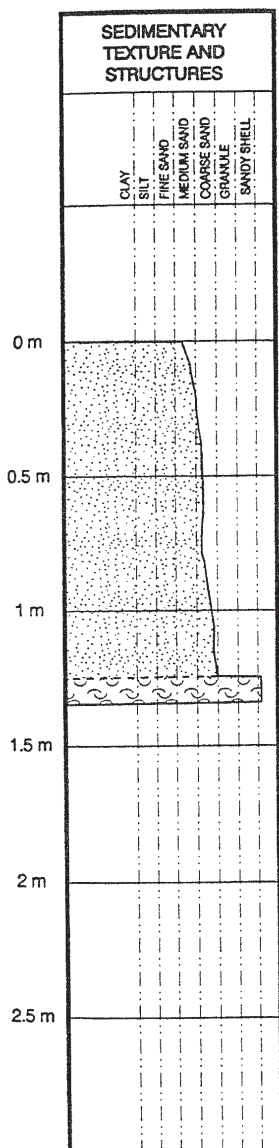


PEN-93-4  
-40.23M water depth



LATITUDE: 30:02.87  
LONGITUDE: 87:05.32

LOCATION: Outer continental shelf due south of Pensacola Bay, Florida

Unit 2 0-127 cm (1.27 m)

Sub-facies a 0-10 cm (0.1m)

Dark greenish grey muddy fine sand, massive with very small shell and carbonate fragments that fines upward.

Sub-facies b 10-127 cm (1.17m)

Grey massive fining upward medium to coarse quartz sand with very small shell and carbonate fragments (mainly bi-valves)

Strong odor from organic degradation?

Unit 1 127-135 cm (0.08m)

Reworked shell bed with whole pristine and well reworked shell fragments with bore holes and encrustations (long residence time) in a coarse quartz sand / carbonate fragment matrix. Also carbonate nodules (0.5 to 1 cm). Shell fragments range in size from 0.25 to 7 cm. Shells include gastropods (*Oliva sayanna*, turret needle). Found large quartz granules (up to 1 cm in diameter), possibly salt crystals.