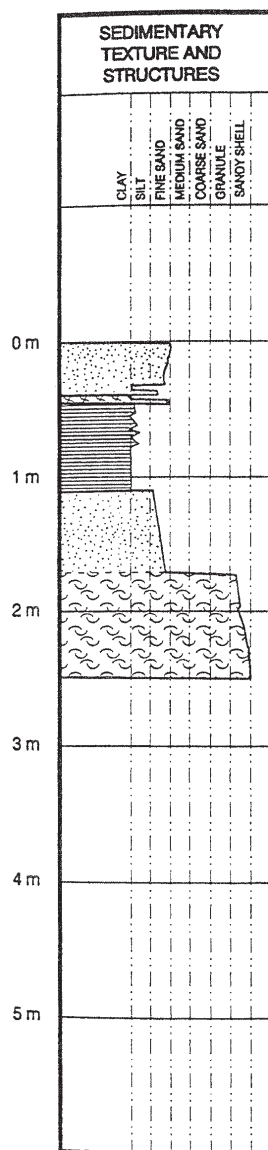


PEN-92-5
-23.47M water depth



LATITUDE: 30:08.54
LONGITUDE: 87:33.32

LOCATION: Inner continental shelf due south of Perdido
Key Pass, Florida

Unit 4 0-45cm (0.45m)

Tan fine quartz sand (0.14mm) with shell fragments which decrease upward. Interlaminated clay and shelly silty fine sand layers in lower portion with erosional bases.

Unit 3 45-107 cm (0.52m)

Dark grey horizontally laminated clay with some silty sand stringers with shell bits.

Unit 2 107-170 cm (0.63m)

Tan massive silty fine sand with small pieces of shell fragments. Fines upward.

Unit 1 170-248 cm (0.78m)

Shell beds that is possibly graded especially at top, average shell size is approximately 0.5cm. Both whole shells and fragments. Bivalves dominate with some gastropods. Shells are not in-situ; limited transport. All is holocene. Shell fragments contain angular edges - little to no rounding. Shells are in a muddy fine sand matrix.

Facies 2 170-206 cm (0.36 m)

Graded shell bed well defined

Facies b 207-248 cm (0.41 m)

Stratification is poorly defined to massive with shell and muddy fine sand mixed together. Shells tend to be slightly larger than Facies A.