# LOUISIANA GEOLOGICAL SURVEY

## VIBRACORE DESCRIPTION SHEET

CORE ID: SS-92-8 (9 of 12) DATE: Sept 2, 1993 DESCRIBED BY: P. Connor

ELEVATION: -21 ft. LOCATION: Ship Shoal

CORE LENGTH: 4.32 m LAT/LONG: N: 28°54'29" / W 90° 54' 36"

TOTAL DEPTH: COMPACTION:

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | | | % SAND | | | PHYSICAL CHARACTERISTICS | | | | | | STRATIFICATION TYPE | | | | | | | SAMPLE | | | | | | PHYSICAL DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRANULE | | INTERVAL M | 0 | 50 | 100 | COLOR | DEFORMATION | BED THICKNESS | % SHELL | % ORGANIC | % BIOTURBATION | WAVY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | HORIZ. LAMINATION | GRAIN-SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH | |
| | | | | | | | TOP | | | | | | | | | | | | | | | | | | | | | | |
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Finer

Coarser

Lt. Grayish Brown

Tannish Brown

Grayish Brown

**UNIT 1** 0 - 253

- Light Grayish Brown, Massive, Clastic Fine Grained Sand. Sand Filled Burrow @ 1.11m
- Well Sorted, Subrounded, Qtz Sand.
- Subtle Fining Upwards Unit.
- Shell Frag Throughout, Clay Clast 2.91
- Gradational Contact At Base.
- Shell Content Increases w/depth

≈ 93% Sand, 6% Silt, 1% Shells

**UNIT 2** 253 - 278

Lt. Tannish Grey, Massive, Sandy Shells. (Bivalves) Predominantly Whole Shells w/ Some Shell Frag.

- Shell Size Range From 0.4 to 1.0 cm
- Distinct Basal Contact. Lg Rangia Shell @ 291 (4cm)

≈ 79% Sand, 17% Shells, 4% Silt.

**UNIT 3** 278 - 432

- Grayish Brn, Predominantly Massive Sand w/ Horiz 3cm Clay Laminations. Clay Clast Throughout.
- Sands Are Fine, Well sorted, Subrounded Qtz
- V. Subtle Coarsening Upwards Unit. Burrowing
- Scattered Shell Frag.

≈ 88% Sand, 11% Silt, 1% Shells

432