

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-105
 ELEVATION: -24.9 ft
 CORE LENGTH (5.06m) 16.60ft
 TOTAL DEPTH: 18.67ft

DATE: 6-26-00 DESCRIBED BY: Wick
 LOCATION: PVC 78 = 12km SE of Scofield Bayou
 LAT/LONG: LAT 29° 9.411 LON 89° 29.695
 COMPACTION: 2.07ft

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | % SAND | PHYSICAL CHARACTERISTICS | | | | STRATIFICATION TYPE | | | | SAMPLE | | | | | | | | | | |
|---|------|-----------|-------------|-------------|--------|----------|--------------------------|-------------|---------------|---------|---------------------|----------------|-------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRAVLE | INTERVAL | COLOR | DEFORMATION | BED THICKNESS | % SHELL | % ORGANIC | % BIOTURBATION | WAVEY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | HORIZ. LAMINATION | GRAIN-SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH |
| [Hand-drawn sedimentary texture diagram showing various grain sizes and structures] | | | | | | | | | | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

0m
1m
2m
3m
4m
5
5.06

0-340cm Mostly DARK GRAY muds with some sand interspersed randomly. Horizontal lamination, thin and sometimes difficult to see. Random bits of broken shells where indicated. Distinct sand layer at 190-200cm dark gray in color and fine grained. Not much bioturbation or deformation spread throughout but heavy near 320cm.

340-380cm Thinly laminated brown sand unit w/ cross beds and some gray silt. Some deformation and organics (dark-colored)

380cm-479cm MASSIVE dark gray clays w/ no bioturbation, organics, shells or deformation.

480-BTM - Sand/clay unit deformed, layers .5cm thick

0-11.15ft ML
 11.15-12.47ft - S
 12.47ft - 16.60ft - CL