

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-16 DATE: 9-26-00 DESCRIBED BY: myke b.
 ELEVATION: -3.04m (-10.0') LOCATION: central Barataria Bay
 CORE LENGTH: 5.27m (17.28') LAT/LONG: 29° 22.413 89° 56.946
 TOTAL DEPTH: 5.69m (18.67') COMPACTION: 0.42m (1.38')

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | % SAND | PHYSICAL CHARACTERISTICS | | | | | | STRATIFICATION TYPE | | | | | | SAMPLE | | | | | | | |
|---|------|-----------|-------------|-------------|---------|--------|--------------------------|-------|-------------|---------------|---------|-----------|---------------------|------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRANULE | | INTERVAL | 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 |
| [Hand-drawn sedimentary texture diagrams] | | | | | | | | | | | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

0-154cm (ML)
 massive clay & silt
 deposit with a shell
 lag present from 97-104cm
 Top of core is peppered
 with shell fragments small
 in scale.

154-326cm (CL)
 horizontal interbedded
 clay and sand laminations.
 Bed thickness ranges
 from 0.2-0.5cm

326-492cm (CL)
 massive to horizontal
 bedded clays. A light
 organic zone is present
 from 410-432cm. A light
 shell lag is present at 368cm

492-527cm (SP)
 Cross bedded sand rich
 S. unit composed of almost
 entirely of SAND.

GREY MUDS DARK ORGANICS FAN SANDS

when visible 0.2-0.5cm

0-5.05 (ML) 5.05-10.69 (CL) 10.69-16.14 (CL) 16.14-17.28 (SP)