

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-129

DATE: 8/28/00

DESCRIBED BY: Phil

ELEVATION: (-24.2') -7.38m

LOCATION: South of Shell Island

CORE LENGTH: 4.72m

LAT/LONG: 29° 14.056' / 89° 37.911'

TOTAL DEPTH: (18.69') 5.70m

COMPACTION: 0.98m

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | % SAND | PHYSICAL CHARACTERISTICS | | | | STRATIFICATION TYPE | | | | SAMPLE | | | | | | | | | | |
|------------------------------------|------|-----------|-------------|-------------|---------|--------------|--------------------------|-------------|--------------------|---------|---------------------|----------------|------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRAVILE | INTERVAL (m) | COLOR | DEFORMATION | BED THICKNESS (cm) | % SHELL | % ORGANIC | % BIOTURBATION | WAVY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLUDED BED | HORIZ. LAMINATION | GRAIN-SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH |
| | | | | | | 0 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0-41 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 41-232 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 232-472 | | | | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

Unit B₁: 0-41 cm
 Dark grey, laminated, slightly silty clay unit.
 Two sandy layers:
 - clean fine sand @ 34-36 cm
 - muddy sand @ 7-9 cm
 Contact with B₂ sharp, but somewhat deformed.

Unit B₂: 41-232 cm
 Grey, laminated, deformed, silty, very fine sand unit.
 Fairly continuous consistency through entire unit.
 Unit becomes muddy and darker grey above 67 cm.
 Some (very little) shell content above 67 cm.
 Heavy rafted wood @ 226 cm, 115 cm and 52 cm.
 Very large chunk of rafted wood fills 170-180 cm.
 Contact with B₃ gradual.

Unit B₃: 232-472 cm
 Dark grey, coarsening upward, laminated mud unit.
 Lenticular sands from 288-344 cm.
 No apparent bioturbation or shells.
 Rafted wood @ 236 cm

- 0-41 cm CL
- 41-232 cm SC
- 232-345 cm ML
- 345-472 cm CL

0 cm
 B₁
 41 cm
 B₂
 232 cm
 B₃
 472 cm