

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-172

DATE: 8/21/00

DESCRIBED BY: Ph:1

ELEVATION: (-23.0') -7.01 m

LOCATION: Nearshore, Caminada-Morcan headland

CORE LENGTH: 5.11 m

LAT/LONG: 29° 9.678' / 90° 3.770'

TOTAL DEPTH: (17.31') 5.28 m

COMPACTION: 0.17 m

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | % SAND | | | PHYSICAL CHARACTERISTICS | | | | STRATIFICATION TYPE | | | | SAMPLE | | | | | | | |
|------------------------------------|------|-----------|-------------|-------------|---------|--------------|-------|-------------|--------------------------|---------|-----------|----------------|---------------------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRANULE | INTERVAL (m) | COLOR | DEFORMATION | BED THICKNESS (cm) | % SHELL | % ORGANIC | % BIOTURBATION | WAVY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | HORIZ. LAMINATION | GRAIN-SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | PHOTOGRAPH |
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| | | | | | | 5.11 | | | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

Unit B₁: 0-25 cm
 Dark grey, bioturbated, clayey silt unit.
 Lamination faint, but visible.
 Defined by grain size variations.
 Light shell lag, consisting of small shells (ca. 0.5 cm diameter) at base of unit (22-25 cm).
 Contact with B₂ sharp and apparently erosional, at base of lag.

Unit B₂: 25-511 cm
 Variably sandy, variably bedded, grey silty sands to dark-grey clayey silt unit.
 Unit consists of dark grey clayey silts with lenticular sands throughout and occasional thicker-bodied cross-bedded to laminated sand bodies.
 Bioturbation minimal throughout unit.
 Deformation insignificant except @ 332-348 cm, where laminated sand has substantial dewatering deformations.

Lenticular sands and silts become less common above 135 cm, where bedding is mainly horizontal laminated mud.

0-229 cm ML

229-511 cm SC

0 cm B₁ 25 cm

B₂

511 cm