

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-93

DATE: 6-22-00

DESCRIBED BY: NJR

ELEVATION: -28.5 ft

LOCATION: SW of Chalant Pass ~ 4km offshore PVC 26

CORE LENGTH: 5.56m 18.24 ft

LAT/LONG: LAT 29°16.210N LONG 90°45.866

TOTAL DEPTH: 18.67

COMPACTION: .43 ft

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS	STRATIFICATION TYPE	SAMPLE																
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	FAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOGRAPH	PHOTOGRAPH
<p><i>(Hand-drawn stratigraphic log showing alternating layers of dark gray mud and sand lenses. Labels on the left indicate units B1, B2, and B3. Vertical arrows on the right indicate bed thicknesses: 0.5 cm, 0.5 cm, 0.5-1 cm, 0.5-2, 1-1.5 cm. A thick black vertical bar is drawn across the middle of the log.)</i></p>																								

PHYSICAL DESCRIPTION

0-290cm DARK gray muds Unit B₁,
w/ thin laminations. Gradual
contact w/ underlying sediments.
Some laminations are tan & root.
No bioturbation, organics, shells
or sands.

290-556cm DARK gray Unit B₂
muds w/ thin laminations
interspersed regularly w/ sand
lenses. Some sand laminae
are in layers 3-5cm thick
in 4-5 meter range. Shell lag
at 510cm. Lenses of sand
are fine grained and light gray.
Small organic layer at 490cm.
Seds fine upward into
muds.

0ft - 9.5ft CL

9.5ft - 18.24ft ML

0m
3
Unit B₁
3
3
Unit B₂
3
5
5.56