

# 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
						0																		
						0-25																		
						25-511																		
						511																		

PHYSICAL DESCRIPTION

Unit B<sub>1</sub>: 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 B<sub>2</sub> sharp and apparently erosional, at base of lag.

Unit B<sub>2</sub>: 25-511 cm  
 Variably sandy, variably bedded, grey silty sand 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 B<sub>1</sub> 25 cm

B<sub>2</sub>

511 cm