

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-36

DATE: 6/1/00

DESCRIBED BY: NICK F

ELEVATION: -23.00ft

LOCATION: EAST OF QUATRE BAYOU

CORE LENGTH: 4.38m - 14.37ft

LAT/LONG: LAT 29° 16.783 LON 89° 49.971

TOTAL DEPTH: 14.43

COMPACTION: .06ft

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	WAVY	FLASHER	LENTICULAR	CROSS BED	MASSIVE BED	INCLUDED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	PHOTOGRAPH	
						0-100																			

PHYSICAL DESCRIPTION

Unit B 0cm - 110cm
 Shells at top of unit 5cm thick
 DARK gray silt/clay unit w/
 some sand throughout in
 fingers. Unit fines upward

Unit B₁ - 110cm - 200cm
 Gray sandier unit w/
 sand body from 110-132cm
 then interbeds of sand w/
 clay/silt. organic layer
 2cm thick near 171cm

Unit B₂ 200cm - 360cm
 Sharp contact 1/4 above layer.
 Massive dark gray clay/silt
 unit.

360 - 415cm More organics
 some horizontal lamination
 dark gray silt/clay

Unit B₃ 415cm - BTM
 Cross beds of sand
 w/ silt/clay

0-110cm → SM ← 0ft - 3.61ft
 110cm - 200cm → SM ← 3.61ft - 6.56ft
 200cm - 415cm → CL ← 6.56ft - 13.62ft
 415cm - 438cm → SM ← 13.62ft - 14.37ft