

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS  
VIBRACORE DESCRIPTION SHEET

CORE ID: RL-98-4a  
ELEVATION: 2' .61m  
CORE LENGTH: 47" 1.19m  
TOTAL DEPTH: 69" 1.75m

DATE: 1/14/98  
LOCATION: 40' south (inland) of #3, same as #4  
LAT/LONG: 30° 18.61' N / 89° 55.822' W  
COMPACTION: 22" .56m

DESCRIBED BY: Phil McCarty

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE											
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL	COLOR	TEXTURE	BED THICKNESS	% SHELL	% ORGANIC	% BOTULIBACTERIA	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INDURATED BED	WEDGE LAMINATION	GRAIN-SEC	HEAVY MINERAL	MICRO FOSSILS	BIODIAGENESIS	BIODIAGENESIS	PHOTOGRAPH	
						0																			
						0-39																			
						39-118																			

PHYSICAL DESCRIPTION

B<sub>1</sub>: 0-39 cm  
Fine sand-bearing mud unit. Base grades <sup>shaly</sup> into underlying unit between 39 and 93 cm. Mud is very stiff, but apparently compacted considerably during the coring operation. (possibly the top layers compacted). Rooting throughout unit. Brown in top section (0-23 cm) grades into orange throughout rest of unit (23-39 cm). Upper brown section appeared organic-rich (A horizon of soil).

B<sub>2</sub>: 39-118 cm  
Narrow gradational layer into B<sub>1</sub> unit. (79-83 cm). B<sub>2</sub> is a fine-grained, clean, white, gtz sand. It has inclined bedding with laminae of 1 cm defined by variable concentrations of darker, or preferentially oxidized, grains.