

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: PON 97-42 DATE: 11/14/97 DESCRIBED BY: Phil McCarty
 ELEVATION: (-4') -1.22m LOCATION: Downriver Bayou Laconbe, Nearshore
 CORE LENGTH: 166 1/4" 4.22m LAT/LONG: 30° 16.244' / 89° 57, 274'
 TOTAL DEPTH: _____ COMPACTION: _____

SEDIMENTARY TEXTURE AND STRUCTURES				% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE											
COLOR	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	ORANGE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	WEDGED BED	SPRIG Lamination	GRAIN SIZE	HEAVY MINERAL	MACRO FOSSILS	RADIOMETRIC	PHOTOGRAPHY	
						0																		
						1																		
						2																		
						3																		
						4																		
						5																		

PHYSICAL DESCRIPTION

Unit A 0-260cm
 Almost exclusively black → dark black soft, organic-rich clay. Has abundant rootlet organics - above 190cm. Occasional thin (1cm) very fine sand layers (horizontal).
 - study low-energy environment

Unit B 260 → 424cm
 Series of fining upward sequences. Basal sand layers, often flaser-bedded, becoming increasingly clay-rich upwards. Uppermost clays sharply overlain by next sand layer.
 Sands frequently layers dominated by organic flakes (as part of flaser bedding). Large pinast, well-preserved branch at 305-310cm, an root growth rings. distinct ripple surface @ 377cm overlain by DG clay. Base of sand unit often overlain erosional surface in clay (365cm, 385cm).
 - Alternately high-energy/low-energy environments, periodic excessive influx of organics.

B

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