

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-27 DATE: 9/19/00 DESCRIBED BY: Phil
 ELEVATION: (-7.0') -2.13m LOCATION: Ray des Ilettes
 CORE LENGTH: 3.62m LAT/LONG: 29° 19.400' / 90° 0.168'
 TOTAL DEPTH: (18.67') 5.69m COMPACTION: 2.07m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE					PHYSICAL DESCRIPTION			
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BOTULBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	PORUL. LAMINATION	GRAIN-SIZE		HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC
																				<p><u>Unit B₁: 0-295 cm</u> Grey to black, organic-rich, lam clay unit. Laminated throughout unit. Organics occur throughout unit. Rooted horizons occur throughout unit. Alternately peat and grey mud between 73cm and 247 cm. Small clam shells (<0.5cm) occur at top of unit (above 5 cm) Contact with B₂ gradual</p>				
																				<p><u>B₂: 295-345 cm</u> Grey, flaser to cross-bedded, silty, very fine sand to very fine sandy silt unit. Flaser-bedded @ 330-345cm Cross-bedded @ 305-330 cm Laminated @ 295-305 cm Unit fines upward and grades into B₁. Contact with B₂ intercollated</p>				
																				<p><u>B₃: 345-362 cm</u> Cross-bedded, grey fine sand unit. Distinguished from B₂ by grain size - fine sand instead of very fine silty sand</p>				