

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

## VIBRACORE DESCRIPTION SHEET

CORE ID: R5500-87 DATE: 6/23 DESCRIBED BY: CARLOS  
 ELEVATION: -18.7' (-5.69m) LOCATION: PK 17 SE of Quatre Bayou, S. of Bay La Mer  
 CORE LENGTH: 13.45' (4.10m) LAT/LONG: 29° 17.869 89° 47.979  
 TOTAL DEPTH: 14.35' (4.37m) COMPACTION: 0.9ft 0.27m

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE						SAMPLE									
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVILE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	
						0																				
						0																				
						238																				
						410																				

PHYSICAL DESCRIPTION

Unit B<sub>1</sub> → 0 - 238cm

Unit B<sub>2</sub> → 238 - 410cm

Unit B<sub>1</sub> → characterized by horizontal laminations from 0-147cm and lenticular stratification from 147-238cm. Bed thickness of sand varies from 2.5-2cm. Contact between B<sub>1</sub> and B<sub>2</sub> is sharp @ 238cm.

Unit B<sub>2</sub> → from 238-271cm is a massive clay bed. 271-371cm is horizontal laminated sands and clays. From 371-410cm is flaser beds. Organic matter is present from 270-323cm with a 2cm interval at 293cm-295cm. 2 small (~2cm) oyster shells are present @ 278cm. Deformation occurs from 330-410cm. From 376-410cm is a sand bed with some clay beds. This sand continues to bottom of core.

0 - 238 → ML

238 - 273 → CL

273 - 376 → SM

376 - 410cm → SP