

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-71 DATE: 6/9/00 DESCRIBED BY: CARLOS
 ELEVATION: -35.8' (-10.91 m) LOCATION: PVC 14 → SE of Quatre Bayou
 CORE LENGTH: 12.40' 3.78 m LAT/LONG: 29° 14.515' 89° 47.665'
 TOTAL DEPTH: 12.21' 3.72 m COMPACTION: 0.19' 0.06 m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIO METRIC	RADIOGRAPH	PHOTOGRAPH

PHYSICAL DESCRIPTION

Unit B₁: 0-260cm (0-8.53ft)
 Unit B₂: 260-378cm (8.53ft-12.40ft)

Unit B₁ → consists of clayey silty sediments with horizontal laminations dominating this unit: 0-80cm & 100-260cm. With massive beds occurring @ 80-100cm. Contact between Unit B₁ & B₂ is sharp.

Unit B₂ → Wavy beds are dominant between 260-282cm and 307-323cm. Lenticular beds are present @ 282-293cm & 335-365. Massive beds are present @ 293-304 & 365-378. Horizontal stratification is present from 323-335. % Sand increases in unit B₂ but sand is concentrated in small lenses and beds.

0-234cm → CL (0-7.68ft)

234-378cm → SC (7.68ft-12.40ft)