

@ 94-11 between 193324 / 192327

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: POW-97-2 DATE: 12/23/97 DESCRIBED BY: PL: I McCarty
 ELEVATION: -11 ft -335m LOCATION: West central lake (-site d)
 CORE LENGTH: 4.97m LAT/LONG: 30° 13.653' N, 90° 20.342' W
 TOTAL DEPTH: _____ COMPACTION: _____

SEDIMENTARY TEXTURE AND STRUCTURES					INTERVAL	% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE															
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND			GRAVEL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	WEDGE LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOC METRIC	RADIOC MTC	PHOTOGRAPH					
					0																									
					1																									
					2																									
					3																									
					4																									
					5																									

PHYSICAL DESCRIPTION

Unit A: 0 - 493 cm
 Very uniform medium grey clay with one sand bank @ 160-167 cm
 Trend is from med. grey to med. brown at top, grading to medium grey at bottom.
 Soft at top, becoming moderately firm at bottom.
 Thin, faint lamination from 65-185 cm. Some thin laminae again seen at 304 cm.
 Infrequent lime shell fragments throughout, with lag of tiny shells @ 90 cm and a thin, very dense lag @ 357-359 cm.
 Articulated clam @ 412 cm.
 Abrupt, erosional contact with underlying unit C.
 Marine shells found at base (493 cm), and @ 412 cm and @ 357 cm lag.

Unit C: 493 - 497 cm
 Hard, olive-grey clay with some orange oxidation.
 Erosional contact with unit A. Some breccias (filled with unit A mud) at top of unit C.

4.93 m = 16.18 ft