

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS  
VIBRACORE DESCRIPTION SHEET

CORE ID: POW-97-11 DATE: \_\_\_\_\_ DESCRIBED BY: Phil McCarty  
 ELEVATION: -7.5 - -2.29 m LOCATION: \_\_\_\_\_  
 CORE LENGTH: 133 m LAT/LONG: 30° 13.304' / 89° 50.234'  
 TOTAL DEPTH: \_\_\_\_\_ COMPACTION: \_\_\_\_\_

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE						SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL (cm)	COLOR	TEXTURE	BED THICKNESS	% SHELL	% ORG/EC	% BIOTURBATION	WAVY	FLASHER	VERTICAL	CROSS BED	MASSIVE BED	INCISED BED	HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	WIND FOSSES	RADIOMETRIC	FLUOROGRAPH	PHOTOGRAPH
						0-50																			
						50-133																			

PHYSICAL DESCRIPTION

Unit A: 0-50 cm  
 light brown to light grey sandy mud  
 with  
 broken and whole shells in upper 15 cm.  
 Entire unit heavily bioturbated,  
 with some sand-filled burrows  
 throughout, most notably @ 7-17 cm.  
 Contact with unit C below is  
 sharp and erosional, with  
 clay clasts from C contained  
 within A.

Unit C: 50-133 cm  
 olive grey clay unit.  
 Very hard below 100 cm,  
 moderately hard above.  
 Burrowed near surface and  
 @ 90 cm & 112 cm.  
 Deeper burrows filled with white  
 sand; shallower burrows filled  
 with unit A.  
 Some apparent recent vertical  
 rooting @ 110-120 cm.  
 Minimal spotty orange oxidation  
 throughout unit.  
 Large areas where clay unit is dark  
 grey. Besides color, these regions  
 are similar to the other clay  
 unit has layer that is rich in  
 white sand @ 118-124 cm.  
 Diagenetic nodule @ 88 cm  
 surrounded by disordered orange  
 sed. mat.

5 m = 1.64 ft