

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS  
VIBRACORE DESCRIPTION SHEET

CORE ID: BSS 00-22 DATE: 9-13-00 DESCRIBED BY: myke b.  
 ELEVATION: -2.80m (-9.2') LOCATION: 2.5 Km SW of GRAND BAYOU in  
 CORE LENGTH: 5.06m (16.60') LAT/LONG: 29° 23.44' 89° 57.814' Barataria Bay.  
 TOTAL DEPTH: 5.69m (18.67') COMPACTION: 0.63m (2.07')

SEDIMENTARY TEXTURE AND STRUCTURES	% SAND	PHYSICAL CHARAC- TERISTICS	STRATI- FICATION TYPE	SAMPLE	PHYSICAL DESCRIPTION																					
						CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVLE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLUDED BED	HORIZ. LAMINATION	INTERBEDDED
					0-65cm (ML) massive mixture of clay silt and sand. entire sub-unit contains shell fragments. large whole bi-valves are present also and % shell increases as depth increases																					
		GREY MUDS AND BLACK/BROWN ORGANICS 0.2-0.5cm when visible			65-369cm (CL) Horizontally laminated muds with frequent burrows that cross cut bedding planes. lightly interbedded sand and clay interrupted this sub unit from 218-220cm. A significant organic zone from 304-369 cm pleat with insitu roots penetrating into clay lamanaea. A root mat is also compressed by compaction and marks the top of this organic zone 310-322cm.																					
					369-506cm (SC) massive sand and clay grading into interbedded sand and clay laminae. Bedding is horizontal and may contain several thin lamanaea of clay without a sand lamanaea present or may alternate between the two. mild deformation is present from 370-408cm. No shells organics or bioturbation was found.																					

0 - 2.13' (ML) 2.13' - 12.11' (CL) 12.11' - 16.60' (SC)