

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-21
 ELEVATION: (-8.3') -2.53m
 CORE LENGTH: 4.55m
 TOTAL DEPTH: (18.67') 5.69m

DATE: 9/22/00 DESCRIBED BY: Ph-1
 LOCATION: North Central Barataria Bay
 LAT/LONG: 29° 24.185' / 89° 55.700'
 COMPACTION: 1.14m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE											
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVULE	INTERVAL (%)	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH		
					-	0																					
						50																					
					-	100																					

PHYSICAL DESCRIPTION

Unit B₁: 0-102 cm
 Massive, bioturbated, shelly, grey clayey silt unit.
 Oyster shell lag @ 77-87 cm.
 Oyster shell @ 64 cm.
 Sharp change to darker grey @ 55 cm - 0 cm.
 Rangia shell lag @ 52-55 cm.
 Small clam shells (<0.5 cm diam) common above 55 cm.
 Contact with B₂ sharp.

Unit B₂: 102-455 cm
 Laminated, grey (with dark grey and black), clayey, slightly sandy silt unit.
 Two organic-rich horizons.
 - 368-392 cm - dark grey, slightly rooted horizon
 - 102-115 cm - black, slightly rooted horizon
 Clay elast at 178 cm

cm
3
2 cm
B₂
15 cm