

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: B55-00-17
ELEVATION: (-7.8') -2.38 m
CORE LENGTH: 5.36 m
TOTAL DEPTH: (18.67') 5.69 m

DATE: 9/27/00
LOCATION: Barataria Bay
LAT/LONG: 29° 24.790' / 89° 54.050'
COMPACTION: 0.33 m

DESCRIBED BY: Ph:1

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS						STRATIFICATION TYPE						SAMPLE						
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL (m)	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	RADIO-METRIC	RADIOGRAPH	PHOTOGRAPH
						0																			
						0																			
						1																			
						2																			
						3																			
						4																			
						5																			
						31																			

PHYSICAL DESCRIPTION

Unit B₁: 0-131 cm
 Grey to black, massive to laminated clayey silt unit.
 No apparent bedding from 131-70 cm.
 Laminated from 70-0 cm.
 Dark grey to black, organic-rich mud and peat from 70 cm - 25 cm.
 Clay clast at 23 cm.
 Large oyster shell @ 10-18 cm
 Contact with B₂ gradual

Unit B₂: 131-208 cm
 Fining-upward, laminated, sand to muddy sand.
 one clayey silt laminae @ 185-190.
 lamination heavily deformed by fluid-rich sand @ 131-185.
 Contact with B₃ is sharp.

Unit B₃: 208-536 cm
 Grey to dark grey laminated clayey silt unit.
 Lamination well-defined by variation of greys and tan.
 Lamination poorly-defined below 435 cm.
 Massive and bioturbated @ 385-403 cm
 Shelly layer @ 400-403 cm