

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-51
 ELEVATION: -14.0' (-4.27m)
 CORE LENGTH: 9.58' (2.92m)
 TOTAL DEPTH: 18.67' 5.69m

DATE: 5/19/2000 DESCRIBED BY: CARLOS/ph:1
 LOCATION: Kelp 19 South of BARATARIA PASS
 LAT/LONG: 29°14.389' 89°55.056'
 COMPACTION: 2.77m

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	WAVE	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC
					0																			
					50																			
					0																			
					93																			
					93																			
					186																			
					186																			
					292																			

PHYSICAL DESCRIPTION

Unit B₁ - 0-93cm
 Unit B₂ - 93-186cm
 Unit B₃ - 186-292cm

Unit B₁ → 0-10 cm small shell lag consisting on small bivalves. 52-58cm, another small shell lag w/ small bivalves. Thin laminations characterize unit B₁ w/ nice preserved same @ 25-38cm. @ 58-64 cm there is a silty/sand bed dk gy in color.

Unit B₂ → Silty sand, dark grey in color. horizontal laminations lagged wood and organic. @ 139-144 there is organic matter and rafted wood deposit.

Unit B₃ → Characterized by alternating sand and clay beds clay beds are found @ intervals: @ 18-233cm, 249-274cm, 294-298cm. Interval @ 50-270cm consists on lenticular stratification.

0 - 93 cm SC 0-3.05 ft

93 - 186 cm CL 3.05 - 6.10 ft

186 - 292 cm ML 6.10 - 9.58 ft