

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: B55-00-60
 ELEVATION: (-6.5') -1.98m
 CORE LENGTH: 4.58m
 TOTAL DEPTH: (16.55') 5.04m

DATE: 5/22/00
 LOCATION: (Kulp 38) Nearshore, Pass Abel
 LAT/LONG: 29°17.317' / 99°53.774'
 COMPACTION: 0.46 m

DESCRIBED BY: Ph:1

SEDIMENTARY TEXTURE AND STRUCTURES					INTERVAL (m)	% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND			GRAVEL	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOGRAPH	PHOTOGRAPH
					0																				
					0																				
					1																				
					2																				
					3																				
					4																				
					5																				

PHYSICAL DESCRIPTION

Unit B₁: 0-115 cm
 Light grey, bioturbated, fine sand unit.
 Faint inclined bedding from 100-85 cm, becoming horizontal from 85-70 cm. Bedding not apparent through rest of unit, probably due to bioturbation. Small shells and shell fragments common from 115-100 cm. Contact with underlying unit sharp.

Unit B₂: 115-179 cm
 Light to medium grey, muddy very fine sand unit. Predominant bedding is horizontal lamination, although it is somewhat obscured by bioturbation. Thick, laminated coffee ground layer from 65-73 cm. Unit is intercollated with mud laminae above 123 cm. Contact with B₃ is sharp.

Unit B₃: 179-458 cm
 Medium to dark grey, variably sandy mud unit. Sand layer from 437-416 cm with wavy to cross-bedding. Majority of unit is mud, with lenticular bedding from 416-315 cm and horizontal lamination above 315 cm. Sand-filled burrows common from 315-179 cm.

0 - 115 cm SM 0 - 3.77 ft

115 - 458 cm ML 3.77 - 15.03 ft