

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-72 DATE: 6/21 DESCRIBED BY: CARLOS
 ELEVATION: -37.4' (-11.40m) LOCATION: RNC 32 South of Pass Aulac
 CORE LENGTH: 14.01' (4.27m) LAT/LONG: 29° 12.924 89° 51.855
 TOTAL DEPTH: 15.92' (4.85m) COMPACTION: 1.91 ft 0.58m

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE						SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	ORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
						0																			
						0																			
						1																			
						2																			
						3																			
						4																			
						5																			
						6																			
						7																			
						8																			
						9																			
						10																			
						11																			
						12																			
						13																			
						14																			
						15																			
						16																			
						17																			
						18																			
						19																			
						20																			
						21																			
						22																			
						23																			
						24																			
						25																			
						26																			
						27																			
						28																			
						29																			
						30																			
						31																			
						32																			
						33																			
						34																			
						35																			
						36																			
						37																			
						38																			
						39																			
						40																			
						41																			
						42																			
						43																			
						44																			
						45																			
						46																			
						47																			
						48																			
						49																			
						50																			

PHYSICAL DESCRIPTION

Unit B₁ → 0-143cm
 Unit B₂ → 143cm - 427cm

Unit B₁ → Small shells randomly deposited @ 8-14cm. Unit is predominately a massive clayey silty deposit. Some organics are present @ 85-95 cm. Color changes @ 23cm. Where 0-23 is dk gy & 23-113 is med. and 113-143 is gy. Contact b/w B₁ & B₂ is gradational until about 170 cm.

Unit B₂ → Lenticular stratification is present from 143-224cm. From 224-400 horizontal laminations characterizing B₂; from 400-413cm lenticular beds are present and cross beds are visible from 413cm - 427cm. Organic matter is concentrated in 2 intervals; 254-256 & 310-314. Bed thickness ranges from 3cm to 12cm.

0-143 → C1
 143-224 → SC
 224-317 → SM
 317-427 → SC