

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-103 DATE: 6/27/00 DESCRIBED BY: CARLOS
 ELEVATION: -27.5' (-8.38m) LOCATION: PVC 79
 CORE LENGTH: 13.16' (4.01m) LAT/LONG: 29° 0.005' 89° 31.781'
 TOTAL DEPTH: 14.76' (4.49) COMPACTION: 1.60ft 0.48m

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE										
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVLE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
						0																			
						0																			
						33																			
						401																			

PHYSICAL DESCRIPTION

Unit B₁ → 0-303cm

Unit B₂ → 303-401cm

Unit B₁ → a highly deformed sand unit dominated by deformed horizontal laminations. A few small shells are present @ 0-5cm and one larger shell ~ 5cm is present @ 93cm. High clay content areas are seen in Unit B₁ from 90-150cm and from 220-245cm. At 260-273 are 4 organic layers @ 125cm in thickness. The contact between B₁ and B₂ is sharp.

Unit B₂ → Horizontal laminations are present from 303-353cm from 353 to 401cm crossbeds are present. Sand is fairly clean clay beds present @ 2-5cm in thickness from interval of 340-354cm. Within the crossbeds there are layers of organics. The organic beds seem to form the bedding surface which truncates the crossbeds.

0-88cm → ML

88-150 → CL

150-273 → ML

287-340cm → SP

340-355 → CL

355-401cm → SP