

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: B5500-124

DATE: 7-5-00

DESCRIBED BY: Myke b.

ELEVATION: -4.60m (-15.1')

LOCATION: Pass Abel

CORE LENGTH: 4.84m (15.87')

LAT/LONG: 29° 18.009 89° 5' 1.509

TOTAL DEPTH: 5.696m (18.67')

COMPACTION: 0.85m (2.789')

Comment: mod soft clay at base

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE										
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVELL	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	
						0-50-100																				

PHYSICAL DESCRIPTION

0-14cm (SP)
Inter bedded sands and clay/silt mixture. clay/silt is dk brown, sand is tan in color. Bedding is wavy with little deformation. Bed thickness is 1-2cm and contains little shells, organics, or bioturbation.

14-78cm (CL)
Masive clays and silt with little evidence of bedding. A fine grain shell lag caps sup unit with clast 1/2-5mm in size. a second light shell lag with small clast is visible a 28cm. 2 burrows at 50 & 53cm are present.

78-98cm (SM)
Interbedded sands and clays only with a high degree of deformation. A small amount of organics (rafts) at 97cm.

98-240 (SC)
laminated clays with an occasional lens of sand. Bedding moves from distinct horizontal laminations grading into massive bedding around 190 cm. A large burrow is at 165 filled with sand. The sand lens are slightly deformed

240-306 (SW)
interbedded sands & clays showing deformed x-beds with frequent burrows.

306-484cm (SC)
horizontal laminations of clay with an occasional lens of sand grading into massive clays. a light shell lag at 346cm.

0m
1m
2m
3m
4m
4.84m

DK GREY MUDS - TAN SANDS
when present 1-2cm

0 - 0.459' (SP); 0.459' - 2.559' (CL); 2.559' - 3.215' (SM);
3.215' - 7.874' (SC); 7.874' - 10.039' (SW); 10.039' - 15.877' (SC)