

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS 00-75 DATE: 6-14-00 DESCRIBED BY: Mike  
 ELEVATION: 7.8944 m (-25.9') LOCATION: East of Grand Bayou Pass  
 CORE LENGTH: 5.34 m (17.5') LAT/LONG: 29°15.033' / 89°40.238'  
 TOTAL DEPTH: 5.385 m (17.67') COMPACTION: 0.04 m (0.1312')

Notes: pvc 45, refusal after 16 min. Pressure delayed start. Moderately stiff clay at bottom.  
 PHYSICAL DESCRIPTION

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE											
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVULE	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 50 100																					

0-76cm  
 Mud at the first 11cm then sand from 11-27cm and from 11-76cm alternating layers of sand and clay/silt with an occasional burrow. The unit also has small shell frags 1-3 mm in size at its top. Color ranges from grey (sand) to dark grey (mud & silt). Average bed thickness 2-3 mm and laminations are horizontal.

76-5.34 cm  
 Unit comprised of laminated muds with 2 small sand lens at its base. The color ranges from grey to light grey. Deformation is present at 95-126cm and has the appearance of wood grain (plywood). Bed thickness is absent to a range of 1-2 cm. Shells, organics and bioturbation are absent throughout unit. Stratification type is horizontal laminations laminations can be very faint but are present.

0-2.49 ft SM  
 2.49 ft - 17.52 ft CL