

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS 00-35 DATE: 6-5-00 DESCRIBED BY: M. BROWN
 ELEVATION: -13.0ft -3.96m LOCATION: Near site 40, Refusal after 7.5 min vib time
 CORE LENGTH: 5.295m LAT/LONG: 29° 16.986 / 89° 52.467
 TOTAL DEPTH: 5.568m COMPACTION: 0.273m

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	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RAUOGRAPH	PHOTOGRAPH	

PHYSICAL DESCRIPTION

0-129cm (SM)
 Inter bedded sand silt & clay. shell lags at 47cm w/a thickness of 2cm, and a light lag at 109cm. Shell fragments range in size from 1-7mm w/some being whole. Sands are fine grain and interbed silt and clay layers that are 1 to 2 cm in thickness. Stratification type is horiz. lamination with alternating colors of grey (SAND) and dark grey (clay & silt).

129-434cm (SM - CL)
 Top of unit lacks apparent or little bedding and shows some deformation. Bedding stratification is horizontal and somewhat wavy from 220-324cm and from 324-434cm bedding is lenticular. Top of unit also contains some in situ rooting. Bottom of unit shows horizontal bedding with thicknesses ranging from 1-3cm. the sands are grey and the clays are also grey in color.

434-529cm (SC)
 UNIT consist of alternating layers clay & silt with an occasional lens of coffee grounds. laminations are horizontal and 1-3cm thick with colors of light and dark grey. Unit also has some rafted small pieces of plant material.

0 - 4.2322 ft (SM) | 4.2322 ft - 11.9215 ft (CL) | 11.9215 ft - 14.2388 ft (CL) | 14.2388 ft - 17.3558 ft (SC)