

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-32

DATE: 5/30/00

DESCRIBED BY: Phil

ELEVATION: (-40.5) -12.34

LOCATION: (Kulp 37) off shore, south of Quatern Bayou Inlet

CORE LENGTH: 5.21m

LAT/LONG: 29° 13.334' / 89° 50.340'

TOTAL DEPTH: (18.67) 5.69

COMPACTION: 0.48m

SEDIMENTARY TEXTURE AND STRUCTURES					INTERVAL (m)	% SAND	PHYSICAL CHARACTERISTICS										STRAТИFICATION TYPE	SAMPLE	PHYSICAL DESCRIPTION							
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND			GRAVELLE	COLOR	DEFORMATION	BED THICKNESS (cm)	Z SHELL	Z ORGANIC	Z BIOTURBATION	WAVY	FLASER	LENTICULAR				CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS
					0																					Unit B <sub>1</sub> : 0-27 cm Dark grey, massive, extremely soft and fluid, silty clay unit. Contact with B <sub>2</sub> sharp, but deformed.
					0																					Unit B <sub>2</sub> : 27-298 cm Dark grey, soft, horizontally-laminated, fining upward sand unit. Some burrowing from 270-205 cm. Sandy laminae from 280-200 cm. Muddy sand layer similar to Unit B <sub>2</sub> @ 189-183 cm. Contact with B <sub>3</sub> gradual.
					2																					Unit B <sub>3</sub> : 298-422 cm Interbedded grey fine sands and dark grey clayey silts. Bedding in sands is cross-bedded and, occasionally, planar bedded. Bedding in clayey silts is horizontal lamination. Burrowing is minimal except for huge burrow @ 336-356 cm and small burrow @ 329. Contact with B <sub>4</sub> intercolated.
					4																					Unit B <sub>4</sub> : 422-521 cm, herringbones. Interbedded cross-bedded, grey very fine sand to coarse silt beds and dark grey laminated clayey silts. Grain size differentiates from unit B <sub>3</sub> : very fine sand to silt vs. fine sand. Trough and tabular cross-beds very prominent. Top of unit terminates as a coffee ground layer.
					5																					

0-298 cm CL 0-9.78 ft  
 298-422 cm SC 9.78-13.84 ft  
 422-521 cm SM 13.84-17.09 ft