

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-32  
 ELEVATION: (-40.5) -12.34  
 CORE LENGTH: 5.21m  
 TOTAL DEPTH: (18.67) 5.67

DATE: 5/30/00 DESCRIBED BY: Phil  
 LOCATION: (Kulp 37) off shore, south of Quatern Bayou Inlet  
 LAT/LONG: 29° 13.334' / 89° 50.340'  
 COMPACTION: 0.48m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE									
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND		GRAVULE	INTERVAL (m)	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	RADIOMETRIC	PHOTOGRAPH
						0																			
						0																			
						1																			
						2																			
						3																			
						4																			
						5																			

PHYSICAL DESCRIPTION

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

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.

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.

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.

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