

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

## VIBRACORE DESCRIPTION SHEET

CORE ID: B55-00-138

DATE: 8/28/00

DESCRIBED BY: Phil

ELEVATION: (-27.3') -8.32 m

LOCATION: South of Shell Island Bay

CORE LENGTH: 5.14 m

LAT/LONG: 29° 12.829' / 89° 36.983'

TOTAL DEPTH: Not logged

COMPACTION:                     

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE						SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL (m)	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BIOTURBATION	WAVE	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	PHOTOGRAPH	
						0																			
						0																			
						147																			
						291																			
						514																			

PHYSICAL DESCRIPTION

Unit B<sub>1</sub>: 0-147cm  
 Light grey, inclined-bedded, well-sorted, fine sand unit.

Inclined bedding through most of unit. Small intervals of muddy, wavy-bedded sediment @ 33-38 cm and 54-61 cm. Small clam shells & fragments occur above 32 cm. Some burrows occur above 20 cm and @ 50 cm. Contact with B<sub>2</sub> sharp, marked by larger grain size and better sorting of B<sub>1</sub>.

Unit B<sub>2</sub>: 147-291cm  
 Inter-layered dark grey, wavy-bedded, sandy muds and grey, cross-bedded, silty, very fine sands.

Organic layers occur above 191 cm (coffee-grounds). Contact with B<sub>3</sub> intercolated, marked by rare sand below contact.

Unit B<sub>3</sub>: 291-514cm  
 Dark grey, laminated clays with lenticular sands. Lenticular sands most common @ 367-448 cm. Thin cross-bedded sand layers @ 483-485, 410-413 cm.

0-147cm SP  
 147-291 cm SC  
 291-514 cm ML