

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

## VIBRACORE DESCRIPTION SHEET

CORE ID: B55-00-61  
 ELEVATION: (-8.0') -2.44m  
 CORE LENGTH: 5.07  
 TOTAL DEPTH: (18.67') 5.69

DATE: 5/26/00 DESCRIBED BY: Phil  
 LOCATION: (Kulpa 39) Nearshore south of East Grand Terre  
 LAT/LONG: 29° 17.412 / 89° 53.183  
 COMPACTION: 0.62

SEDIMENTARY TEXTURE AND STRUCTURES					INTERVAL (m)	% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE							SAMPLE							
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND			BRANULE	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED		INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIO-METRIC	RADIOGRAPH
					0																					
					0																					
					1																					
					2																					
					3																					
					4																					
					5																					

### PHYSICAL DESCRIPTION

Unit B<sub>1</sub>: 0-170 cm  
 Planar-bedded, lightly bioturbated, muddy fine sand to sandy mud unit.

Unit coarsens upward overall. Muddy sand from 170-115. Sandy mud from 115-74. Muddy sand from 74-0, sand becomes cleaner above 13 cm. Shells common above 74 cm, uncommon below 74 cm. Shell lag at 131-134 cm, consisting of small clam shells (most < 0.5 cm diameter) - lag overlies contact with B<sub>2</sub>.

Unit B<sub>2</sub>: 170-403 cm  
 Dark grey, coarsening-upward, horizontal-laminated, mud to sandy mud unit.

Unit fines from 403-350 cm, then coarsens up-core and becomes sandy above 200 cm. Sand-filled burrows above 315 cm, become very common above 220 cm. Heavy bioturbation from 200-181 cm, obscuring bedding.

Heavy oyster lag @ 319-325 cm. Coffee-ground layers @ 174, 177

Contact with B<sub>3</sub> gradual

Unit B<sub>3</sub>: 403-507 cm  
 Cross-bedded to planar-bedded, grey, fine sand unit. Cross-bedded from 501-448 cm, planar laminated above. Unit is sandy silt from 448-417 cm. Unit becomes planar-laminated mud below 501 cm.

0-170 cm SC 0-5.58 ft  
 170-403 cm ML 5.58-13.22 ft  
 403-507 cm SC 13.22-16.63 ft