

LOUISIANA GEOLOGICAL SURVEY
VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-18 R₁ of 4 (No R₂) DESCRIBED BY: Brooks

LOCATION: off N. Tip of Breton Is.; 12' Hz Depth DATE: 12/14/89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL (m) DEFORMATION	SED. TYPE	BED THICKNESS			COLOR	AV. GRAIN SIZE (φ)	BURROWING	SHELL CONTENT	% ORGANIC	STRATIFICATION TYPE					SAMPLE				COMMENTS			
			< 1 cm	1-10 cm	10-30 cm						> 30 cm	LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS	MASSIVE	GRAIN-SIZE	PEEL		RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
<div style="text-align: center;"> % SAND 100 50 0 </div>	1 2 3 4					<p style="text-align: center;">med-DARK gray (Dark/T. gray laminae) w/ orange streaks 35-45 cm 2-3</p>													<p>- Homogeneous Muddy SAND</p> <p>- mud layer</p> <p>- Disturbed - due to coning process De-wetting?</p> <p>- 230-260 - thin laminae black particles - doesn't Appear to be organic(?)</p> <p>- 330 - SAME AS 230-260 ABOVE</p> <p>- Flow in core?</p> <p>- subtle thin parallel lamination to Apparent textural change</p> <p>405 BOTTOM OF R₁</p>				

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-18 R3 of 4 (No R2) DESCRIBED BY: Brooks

LOCATION: off N. Tip of Breton Isl.; 12' H₂O depth DATE: 12/15/89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL (M)	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE (φ)	BURROWING	SHELL CONTENT	% ORGANIC	STRATIFICATION TYPE						SAMPLE	COMMENTS
			< 1 cm	1-10 cm	10-30 cm	> 30 cm						LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS	MASSIVE		
	1						2-3												0-100 - Muddy Sand; few shells, burrows, organics
	2						2-3												40-50 - food & black particles
	3						2-3												- large sand filled burrow - 130 - base - thin (< 1 cm) laminae; mostly color banding in muds some fine sand layers - 180 - orange staining
	4						2-3												- disturbed by dewatering in sand rich layer
																			417 - BASE of R3

**LOUISIANA GEOLOGICAL SURVEY
VIBRACORE DESCRIPTION SHEET**

CORE IDENTIFICATION: CI-87-18 R4 of 4 (No R2) DESCRIBED BY: Brooks

LOCATION: off N. Tip of Breton Isl.; 12' H₂O depth DATE: 12/15/89

SEDIMENTARY TEXTURE & STRUCTURES		INTERVAL (M) DEFORMATION	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE (Φ)	BURROWING	SHELL CONTENT	% ORGANIC	STRATIFICATION TYPE					SAMPLE				COMMENTS		
% SAND				< 1 cm	1-10 cm	10-30 cm	> 30 cm						LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS	MASSIVE	GRAIN-SIZE	PEEL	RADIOMETRIC		RADIOGRAPH	PHOTOGRAPH
100 50 0																								0 - BASE - muds, thin laminations (<1cm) mostly color banding some sandy mud layers
		1																						114 - orange stained sand layer
		2																						250-300 - mud w/ sand stringers - some lense-shaped.
		3																						340 - Burrowing 356 organic-rich layer
		4																						400 - BASE organic specks 437 BASE of Core

med. gray - Brown w/ H-DK thin
 color banding, orange staining locally

