

LOUISIANA GEOLOGICAL SURVEY VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-3 Run 1 of 4 (325)cm
LOCATION: CHANDELEUR ISLAND "N. TIP OF ISLAND" (H₂O Depth 43')

DESCRIBED BY: PF CONNOR
DATE: 11-30-89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL DEFORMATION	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE &		STRATIFICATION TYPE		SAMPLE				COMMENTS					
			< 1 cm	1-10 cm	10-30 cm	> 30 cm		BURROWING	SHELL CONTENT	% ORGANIC	LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS		MASSIVE	Horz LAMINATIONS	GRAIN-SIZE	PEEL	RADIOMETRIC
TOP																					
[Hand-drawn stratigraphic column with % sand scale at top, showing sediment texture, interval deformation, and bed thickness. Includes handwritten notes: 'GRAY', 'BROWNISH - GRAY', '>4.0%', and 'UNIT 1 (0-325)cm'. A vertical arrow on the right indicates a total thickness of 4.0m. The column ends at 'BTM 325cm'.																					
BTM 325cm																					

UNIT 1 (0-325)cm
• Dominate Plaque bed Clays w/ Some Silty Clay Patches
- Small Shells & Shell Frag
- Detrital Organics
- Burrowing

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-3 Run 2 of 4 (223cm)

DESCRIBED BY: P.F. CANNON

LOCATION: OFFSHORE CHANDOLEUR ISLAND "E. OF N. CHANDOLEURS" (W₂D Depth 43')

DATE: 10-18-89

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	Clay Banding	GRAIN-SIZE	PEEL	RADIOMETRIC		RADIOGRAPH	PHOTOGRAPH
100	50	0																							
TOP																									
<p>PA</p>																									
<p>BTM</p>																									
<p>UNIT 2 (10-178cm)</p> <ul style="list-style-type: none"> • Dominate Soft Clay w/ some Banding. PA - Detrital Organic Fragments - Faint Burrowing - Scattered Shell Frag - Horz Clay Banding (Chemical) 																									
<p>UNIT 1 (178-223cm)</p> <ul style="list-style-type: none"> • Dominate SAND w/ Silt & Clay Mix - Deformed - Burrowing - Shell Fragments - Detrital Org. Frag. - MASSIVE 																									

LOUISIANA GEOLOGICAL SURVEY

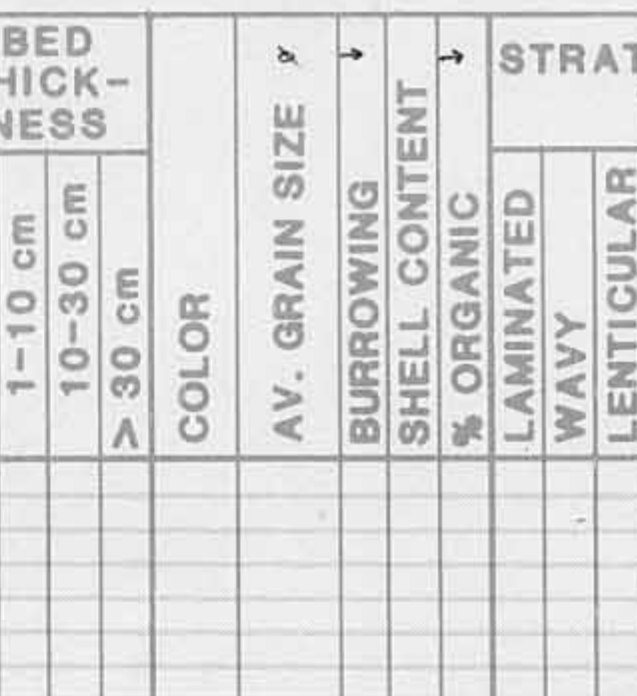
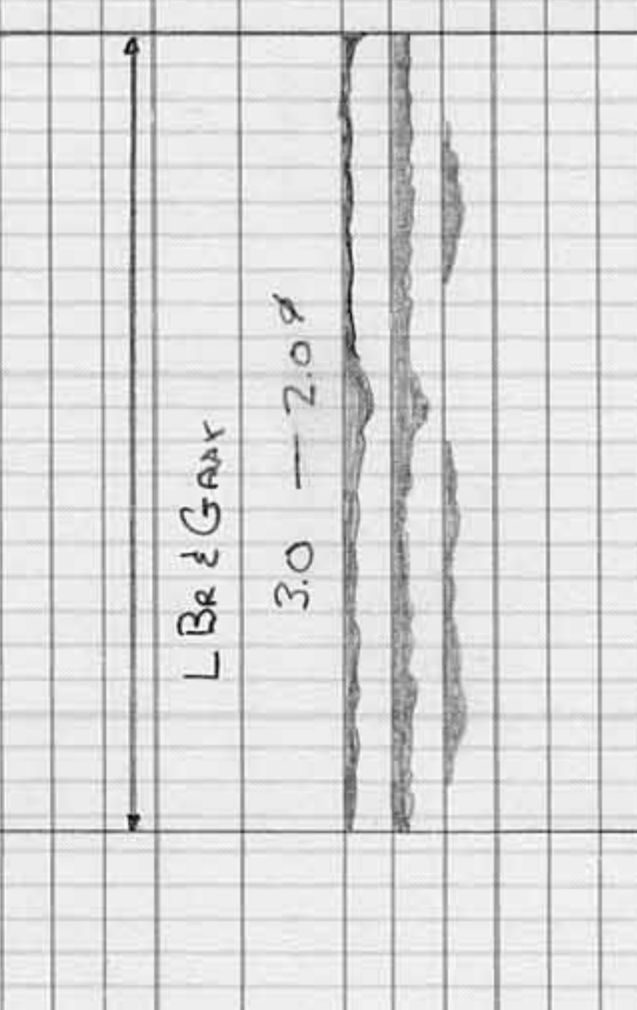
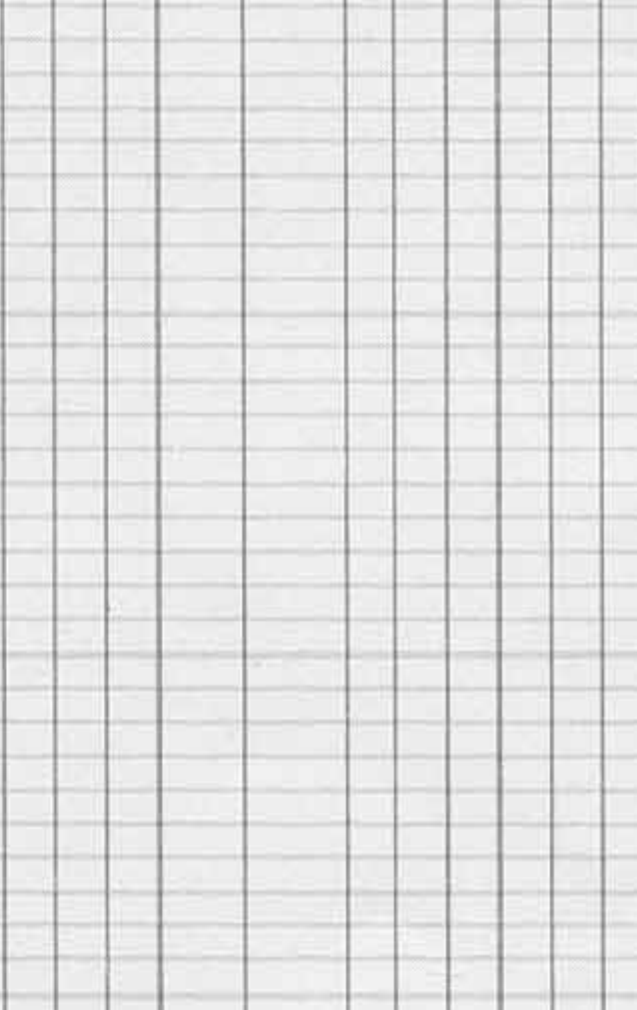
VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-3 Run 3 of 4 (235)cm

DESCRIBED BY: PFConnor

LOCATION: CHANDOLEUR ISLAND "N TIP OF ISLAND" (H₂O Depth)

DATE: 11-31-89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL → DEFORMATION	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE	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																																																																														
																								% SAND 100 50 0																																																																													
TOP																	UNIT (0-235)cm																																																																																				
BTM																	BTM 235cm																																																																																				
																																																			<p>L Br & GAY 3.0 — 2.08</p>																	<p>1 2 3 4</p>																	<ul style="list-style-type: none"> * Dominate Fine Grained Sub-rounded, Well Sorted SAND w/ Silt. - Deformed throughout - Bioturbation. - Burrowing - Shell Frag. - Clay clast - Detrital Organics - Large Bivalve Shell 																

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-3 R4 of 4 DESCRIBED BY: Brooks

LOCATION: Chandeleur Isl. - NE of N. Tip; 43' H₂O 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 GRAIN-SIZE	PEEL	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	COMMENTS
% SAND				< 1 cm	1-10 cm	10-30 cm	> 30 cm						LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS						
		1	[Dotted pattern]					2-3	-	-	-	LAMINATED							X	- 15-30 large mud filled burrow - 0-100 - muddy sand w/ burrowing @ top + @ 100 cm - mud filled burrows - 100-200 - muddy sand % mud & shells increase Down core - 210-220 - closely spaced organic rich (Perit) layers - large amount small shell fragments 'shell hash' 334 - BASE OF CORE			
																			X				
																		X					
		2	[Dotted pattern]					1-5-2.5	-	-	-							X					
		3	[Dotted pattern]															X					

Local orange staining w/ dark mottles
2-3
1-5-2.5