

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-42 R1 of 2

DESCRIBED BY: Brooks

LOCATION: Duwest of North Chandeleur Isl.; 58' depth

DATE: 10/11/89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL (m)	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE (φ)	BURROWING	SHELL CONTENT	% ORGANIC	STRATIFICATION TYPE					GRAIN-SIZE PEEL	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	COMMENTS	
			< 1 cm	1-10 cm	10-30 cm	> 30 cm						LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS						MASSIVE
<div style="text-align: center;">% SAND</div> <div style="text-align: center;">100 50 0</div>																						
	1					M-DG	74															0-25 cm moderately to heavily bioturbated sandy mud few shells
						M-DG	74															25-58 cm silty clay
						M-DG	74															58-90 cm - silty clay w/ irregularly spaced coarser (sand/silt) laminae
						M-DG	33.5															90-130 - finely laminated sandy-mud laminae few shells - mostly near base
	2																					130-342 cm dominantly massive silty clay throughout interval
	3																					220-240 cm slight color banding (dark & light gray) no apparent lithologic change
																						280 small crescent-shaped sand-filled structure (burrow?)
																						295 - thin organic rich lens
																						335 - laminae w/ slight increase in silt
																						342 - Echinoid fragment
																						342-360 - fining upward sequence - thin distorted beds at ~ 350 cm
	4					M-DG	74															360-400 massive silty clay

- Pore H₂O?

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-42 R2 of 2

DESCRIBED BY: Brooks

LOCATION: Due west of N. Chandeleur Is. 58' depth

DATE: 10/11/89

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL (cm)	SED. TYPE	BED THICKNESS				COLOR	AV. GRAIN SIZE (φ)	BURROWING	SHELL CONTENT	% ORGANIC	STRATIFICATION TYPE					SAMPLE GRAIN-SIZE PEEL	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	COMMENTS
			< 1 cm	1-10 cm	10-30 cm	> 30 cm						LAMINATED	WAVY	LENTICULAR	SM X BEDS	LG X BEDS					
	0-110																			0-110 cm MASSIVE Silty CLAY	
	110-155																			110-155 Slight to heavy bioturbation, laminated where not destroyed few shells	
	155-275																			155-275 cm MASSIVE Silty CLAY	
	180-210																			180-210 Small organic-rich blebs	
	230																			230 lense-shaped deposit of shell fragments 2 cm thick	
	290-305																			290-305 - Burrowed, Dark Gray matrix w/ med. gray burrows	
	348																			348 Shell lense	
	305-425																			305-425 - MASSIVE Gray Silty clay with sand filled burrows, cleaner sand toward base of interval	
	425-430																			relatively clean sand stringers @ 425 and 430-435 cm.	
	430-435																			heavy burrowing; sand filled burrows throughout interval; few shells	
	475-543																			475-543 - muddy sand w/ shells; some large whole shells (oyster shell at surface)	
	Bottom																			Bottom - 543 cm	

Pro delta?

Slowly? Transitional?