

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

PAGE 1 of 1

CORE IDENTIFICATION: CI-87-16<sup>9</sup> R<sub>1</sub> of 2

DESCRIBED BY: J. Suter

LOCATION: offshore Monkey Bayou 31' H<sub>2</sub>O

DATE: 5/24/88

SEDIMENTARY TEXTURE & STRUCTURES			INTERVAL (m) DEFORMATION	SED. TYPE	BED THICKNESS			COLOR	AV. GRAIN SIZE	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	
100	50	0																				
			1					Gr														* Large slipper shell valve ~ 5m dia - 16 cm erosional contact
			1					Gr														* 33 2 cm sand filled burrow in silt/clay zone  Lenticular beds v. fine, ~ 1mm, infrequent. Occ. rooted organics - reddish zone
			2					Gr														- 3 cm sand bed w/ erosional landries
			2					Gr														Siderite beds
			3					Gr														* Siltier lenticular beds, up to ~ 1cm more numerous. Occasional frequent wavy. Minor beds Organic laminae  clay drapes
			3					Gr														* Wavy, lenticular beds. Some fleshy ocean drapes
			4					Gr														* Siderite layers ~ 1 cm
			4					Gr														* Frequent lent silt/sand beds
			5					Gr														Lenticular beds, w wavy, some clay drapes v. fine lent. beds - 3cm zone of < 1mm lenticles
			5					Gr														Laminated gray clay 3 cm bed of v. fine sand
			5					Gr														610 cm
																						Overall: Core is alternately laminated silty clay w/ zones of lenticular sand/silt beds. Mostly delta front w/ some pro-delta @ base. Minor burrowing in many places, occ. rooted organics, some in layers.

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SEDIMENTARY TEXTURE & STRUCTURES			INTERVAL (m)	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	
100	50	0	1																			* Laminated gray clay
			1																			* Some wispy silt laminae appear
			2																			Remainder of core has dispersed silt, some organics (rare) throughout. Silt probably induced by burrows (forams?). Silt, organics stretched out by plumping.
			3																			* Silt seems to be present in v thin lent. beds
			4																			
			5																			
			6																			* Sideritic Sideritic
			6																			* Increased lenticular beds 611 cm

laminated silty gray clay - prod