

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: SS-86-10 Run 1

DESCRIBED BY: Shea Pauland

LOCATION: Shoal Front of Central Ship Shoal

DATE: 12-5-87

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL	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
	0						2														<p><u>SHOAL FRONT</u> A</p> <ul style="list-style-type: none"> - well sorted laminated sand - C ↑ 1.5-2. ↓ 2.0-2.5 - shell frags throughout - small mud-lined horizontal burrow .25-.5 cm
	1						20-25														<ul style="list-style-type: none"> - higher concentration of shell frags at base - large mud-lined burrows 1cm
	2						20-25														<p>distinct, but sharp base</p> <p><u>SHOAL BASE or LAGOON</u> B</p> <ul style="list-style-type: none"> - mud/sand matrix w/ shell frags - burrowed throughout - <u>ABANDONMENT or SEQUENCE</u> C - sharp contact, poorly-sorted sand - standard distributary - lenticular/wavy mud in l. beds
	3						2.5-3														<p><u>DISTRIBUTARY SAND</u> D</p> <ul style="list-style-type: none"> - moderately sorted sand - fine sand - rotted organics - mud floors - laminated sand - standard D
	4						2.5-3														<p><u>DELTA FRONT</u> sharp base</p> <ul style="list-style-type: none"> - standard delta front
	5						2.5-3														<p><u>PRODELTA</u></p> <ul style="list-style-type: none"> - standard
																					<p>→ i. the base of shoal at contact is either shoal front or lagoon, shoal front on shoal base with lagoon missing</p>

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: SS-86-10 Run 2

DESCRIBED BY: Shae Pehl

LOCATION: Shoal Front of Central Ship Shoal

DATE: 12-6-87

SEDIMENTARY TEXTURE & STRUCTURES	INTERVAL	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	
	1						3.5														<p>ABANDONED SEQUENCE of R₁ A/B</p> <p>DISTRIBUTARY SAND</p> <p>Contact gradation - distinct</p> <p>moderately sorted v.f. sand N 3.5</p> <p>normal base - rafted organic</p> <p>DELTA FRONT</p> <p>- poorly sorted mud w/ sand-silt lenses</p> <p>- wavy & lenticular - very thin 0.25-0.5</p> <p>- some banding on back</p> <p>- rafted organic</p>
	2																				<p>- unit C ↑</p>
	3																				<p>- laminated sand - essential contacts</p> <p>- same ↑</p> <p>PRODELTA</p>
	4																				<p>- concentration / organics</p> <p>SAND UNIT (??)</p> <p>- poorly-sorted sand laminated w/ organic laminae</p> <p>- small x-beds</p> <p>essential base</p> <p>PRODELTA</p>
	5																				<p>- laminated mud</p> <p>- stand AD</p>

x.2.1 Reinforcement?

maybe Reinforcement

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