

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE ID: SS-92-4 (4212) DATE: Aug 18, 1993

DESCRIBED BY: P. Connor

ELEVATION: -23 ft LOCATION: Ship Shoal

CORE LENGTH: 5.24 m LAT/LONG: N: 28° 55' 02" / W: 90° 54' 33"

TOTAL DEPTH: _____ COMPACTION: _____

SEDIMENTARY TEXTURE AND STRUCTURES						INTERVAL M	% SAND		PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE													
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE		0	50	100	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH				
TOP						0																										
Shoal Sands						1																										
						2																										
						3																										
						4																										
Reef						5																										
Lagoon						4																										
						5																										
BTM																																

PHYSICAL DESCRIPTION

UNIT 1 0-342
 - Lt Brownish Gray, Massive, Fine Clastic Sand.
 - Sand Arc Qtz, Subrounded, Well Sorted.
 - Shell Fragments Throughout Unit.
 - Shell Frag 7.2cm
 - Darker Sandy Silt Filled Burrows.
 - Subtle Fining Upwards Unit.
 - Some Whole Shells ~2.83m (Bivalves ~.5cm)
 - Unit Becomes Shelly w/depth.
 - Subtle Base Contact
 * ~95% Sand, 5% Silt, 71% Shells

UNIT 2 342-373
 - Lt Brownish Gray, Massive // Laminations, In Shells & Fragments, Fine Clastic Sand.
 - Sharp Base (on for. m. t.)
 - // Lamination Formed by Shell Lag.
 * ~89% Sand, 6% Silt, 5% Shells

UNIT 3 373-524
 - Gray to Dark Gray, // & Wavy Laminations, Clay w/ Interbedded Fine Shelly Sand & Silts.
 - Highly Burrowed, by Sand Filled Burrows @ 470
 - Rooted Organics @ 455, In Shells Throughout.
 - Faint Lenticular bedding @ 445-460
 * ~84% Clay, 9% Sand, 4% Silt, 3% Shells
 524cm