

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-58
 ELEVATION: (-17.3) - 5.27m
 CORE LENGTH: 5.28m
 TOTAL DEPTH: (18.67) 5.69m

DATE: 5/17/2000 DESCRIBED BY: Ph:1
 LOCATION: (Kulp 32) South of Pass. Abell
 LAT/LONG: 29°16.120'/89°53.501'
 COMPACTION: 0.41m

SEDIMENTARY TEXTURE AND STRUCTURES						INTERVAL (m)	% SAND	PHYSICAL CHARACTERISTICS						STRATIFICATION TYPE						SAMPLE						
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE			COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED		HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH
						0																				
						0-29																				Unit A: 0-29 cm Dark grey, very liquid, structureless slightly silty clay unit.
						29-152																				Unit B ₁ : 29-152 cm Dark grey, fining upwards, slightly sandy mud unit. Unit has massive shell lag @ 135-148 cm consisting of fairly clean, sediment-free small (s.l cm diameter) shells and shell fragments. Includes ranging polynices, and a large variety of other bivalves & gastropods. Bedding is primarily horizontal lamination. Two organic-rich layers (coffee grounds) @ 132 cm and 83 cm. Unit is moderately burrowed throughout. Contact with B ₂ is gradual.
						152-397																				Unit B ₂ : 152-397 cm Interlayered muds with lenticular sand and inclined to planar bedded fine sands. Unit is shell-free. Bedding in mud layers is planar or contains lenticular sands. Bedding in sand layers is horizontal, inclined or flaser.
						397-528																				Unit B ₃ : 397-528 cm Med. to Dark grey, horizontal-laminated mud unit. Laminations defined by slight color variations. Top of unit has sand-filled burrows.

PHYSICAL DESCRIPTION

Unit A: 0-29 cm
Dark grey, very liquid, structureless slightly silty clay unit.

Unit B₁: 29-152 cm
Dark grey, fining upwards, slightly sandy mud unit.
Unit has massive shell lag @ 135-148 cm consisting of fairly clean, sediment-free small (s.l cm diameter) shells and shell fragments.
Includes ranging polynices, and a large variety of other bivalves & gastropods.
Bedding is primarily horizontal lamination.
Two organic-rich layers (coffee grounds) @ 132 cm and 83 cm.
Unit is moderately burrowed throughout.
Contact with B₂ is gradual.

Unit B₂: 152-397 cm
Interlayered muds with lenticular sand and inclined to planar bedded fine sands.
Unit is shell-free.
Bedding in mud layers is planar or contains lenticular sands.
Bedding in sand layers is horizontal, inclined or flaser.

Unit B₃: 397-528 cm
Med. to Dark grey, horizontal-laminated mud unit.
Laminations defined by slight color variations.
Top of unit has sand-filled burrows.

0 - 123 cm CL 0 - 4.04 ft
 123 - 190 cm ML 4.04 - 6.23 ft
 190 - 258 cm SM 6.23 - 8.46 ft
 258 - 528 cm ML 8.46 - 17.32 ft