

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-48
 ELEVATION: (-11.6') -3.54 m
 CORE LENGTH: 5.19 m
 TOTAL DEPTH: (18.62') 5.68 m

DATE: 5/14/00 DESCRIBED BY: Phil
 LOCATION: (K-165) Offshore Grand Isle
 LAT/LONG: 29° 14.315' / 89° 57.832'
 COMPACTION: 0.49 m

SEDIMENTARY TEXTURE AND STRUCTURES					INTERVAL	% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE									
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND			GRAVEL	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
					0																					
					0																					
					1																					
					2																					
					3																					
					4																					
					5																					

PHYSICAL DESCRIPTION

Unit B₁: 0-113 cm
 Med grey, variably bioturbated, horizontally laminated to massive, very fine sand.
 Shell lag @ 17-21 cm, 47-50 cm, 55-58 cm, consisting of small (<0.5 cm diameter) shells.
 Contact with B₂ intercollected.

Unit B₂: 113-375 cm
 Coarsening upward, dark grey, variably sandy mud units.
 Horizontally laminated throughout majority of unit. Higher sand content and wavy-bedded at top and bottom of unit (125-158, 348-375).
 Bioturbation is minimal throughout unit.
 Contact with underlying unit is gradual.

Unit B₃: 375-519 cm
 Med grey, series of muddy, thick sand units.
 Shell lag at 416-419 cm.
 Bioturbation throughout unit.
 Bedding not readily apparent in sands, slight hints of inclined bedding defined by variations in mud content.

0-122 cm SC 0-4.00 ft
 122-375 cm ML 4.00-12.30 ft
 375-519 cm SC 12.30-17.03 ft