

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-34
 ELEVATION: (-7.5') -2.29m
 CORE LENGTH: 4.67m
 TOTAL DEPTH: (18.67') 5.69m

DATE: 5/24/00 DESCRIBED BY: Ph:1
 LOCATION: (Kulp30) offshore, SE of Grand Isle
 LAT/LONG: 29° 17.027' / 89° 54.531'
 COMPACTION: 1.02m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE										
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND		GRAINULE	INTERVAL (m)	COLOR	DEFORMATION	BED THICKNESS (cm)	Z SHELL	Z ORGANIC	Z BISTURBATION	WAVY	FLASHER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	FORM. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	FRACROGRAPH	PHOTOGRAPH
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						50																				
						100																				
						17																				

PHYSICAL DESCRIPTION

Unit B₁: 0-200 cm
 Grey, variably muddy fine sand unit.
 Bedding is horizontal lamination except at 80-95 cm, where sediment is muddy with lenticular sands.
 Bioturbation throughout unit, heavy bioturbation from 200-155 cm.
 Dewatering deformation @ 200-250 cm.
 Contact with B₂ is gradual.

Unit B₂: 200-376 cm
 Dark grey, burrowed, laminated, variably sandy mud unit.
 Entire unit laminated, defined by color variations and grain size variations.
 Shell lag @ 307 cm composed mainly of oyster shells.
 Rafted wood @ 304 cm.
 Organic-rich sediment at base of unit.
 Contact with underlying unit is gradual.

Unit B₃: 376-467 cm
 Grey, variably muddy and bedded, fine to very fine sand unit.
 Planar-bedded from 467-425 cm.
 Cross-bedded from 425-410 cm - tabular cross beds.
 Inclined bedding from 410-376 cm.

0-200 cm - SM 0-6.56 ft
 200-376 cm - ML 6.56-12.34 ft
 376-467 cm - SM 12.34-15.32 ft