

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS 0042  
 ELEVATION: -16.20  
 CORE LENGTH: 3.99 m  
 TOTAL DEPTH: 5.73024 m

DATE: 5-23-00  
 LOCATION: SE of Grande Isle by 2 km  
 LAT/LONG: 29° 13.680 / 89° 55.941  
 COMPACTION: 1.74 m

DESCRIBED BY: M. BROWN

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE								
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASHER	LENTICULAR	CROSS BED	MASSIVE BED	INCLUDED BED	HORIZ. LAMINATION	DRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	PHOTOGRAPH
					<p>grey alternating grey and DARK GREY</p> <p>1-2 mm</p> <p>1-3 cm</p>										<p>0-354.5 cm</p> <p>354.5 - 399 cm (BTM)</p>					<p>0-355 cm ML 0-11.65 ft</p> <p>355-399 cm SM 11.65-13.09 ft</p>				

Comment: good pens. but must have plugged at hard layer, lost 1 inch.

PHYSICAL DESCRIPTION

**B-1**  
 0 - 354.5 cm  
 Interbedded sand, clays and silt with a thickness ranging from 1-3 cm. Unit color alternates between grey & dark grey. laminations are horizontal and vary in thickness from 1-3 cm. There is little evidence of shells, organic or bioturbation.

**B-2**  
 354.5 - 399 cm (BTM)  
 Top of unit contains thin laminations from 354.5 - 359.5 cm laminations are 1-2 mm in thickness. UNIT is interrupted by a clay lens at 359 - 366 cm and then resumes with sand consisting of fine laminations (1-2 mm) and becomes masive at the bottom.

0-355 cm ML 0-11.65 ft  
 355-399 cm SM 11.65-13.09 ft

0m  
1m  
2m  
3m  
354.5cm break  
399m