

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

## VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-132

DATE: 7/18/00

DESCRIBED BY: Ph:1

ELEVATION: (15.3) - 4.66m

LOCATION: (pvc 108) South of Pelican Island, Nearshore

CORE LENGTH: 4.96m

LAT/LONG: 29° 14.028' / 89° 35.325

TOTAL DEPTH: Not logged

COMPACTION: N/A

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE																																	
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL	COLOR	DEFORMATION	BED THICKNESS (cm)	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLUDED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH																								
																									<p>Unit B<sub>1</sub>: 0 - 172 cm</p> <p>Dark grey, with mud grey sand, variably-bedded, inter bedded muddy sands and clayey silts. Bedding varies from predominantly wavy from 172 - 70 cm, to predominantly laminated above 70 cm. Short section of flaser bedding @ 110-135 cm. Coffee ground layers occur @ 172-110 cm. Bioturbation above 70 cm. Contact with B<sub>2</sub> gradual.</p> <p>Unit B<sub>2</sub>: 456 - 172 cm</p> <p>Dark grey, bioturbated, deformed slightly sandy mud unit. Heavily deformed wavy bedding @ 456-430 cm. No apparent bedding @ 430-355 cm. Heavily deformed laminated mud @ 355 - 172 cm. Contact with B<sub>3</sub> sharp.</p> <p>Unit B<sub>3</sub>: 496 - 456 cm</p> <p>Dark grey, laminated, clayey silt units. No apparent deformation or bioturbation.</p> <p>0 - 1.72 m SM</p> <p>172 - 4.96 m ML</p>																								

PHYSICAL DESCRIPTION

Unit B<sub>1</sub>: 0 - 172 cm

Dark grey, with mud grey sand, variably-bedded, inter bedded muddy sands and clayey silts. Bedding varies from predominantly wavy from 172 - 70 cm, to predominantly laminated above 70 cm. Short section of flaser bedding @ 110-135 cm. Coffee ground layers occur @ 172-110 cm. Bioturbation above 70 cm. Contact with B<sub>2</sub> gradual.

Unit B<sub>2</sub>: 456 - 172 cm

Dark grey, bioturbated, deformed slightly sandy mud unit. Heavily deformed wavy bedding @ 456-430 cm. No apparent bedding @ 430-355 cm. Heavily deformed laminated mud @ 355 - 172 cm. Contact with B<sub>3</sub> sharp.

Unit B<sub>3</sub>: 496 - 456 cm

Dark grey, laminated, clayey silt units. No apparent deformation or bioturbation.

0 - 1.72 m SM

172 - 4.96 m ML