

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-62

DATE: 5/26/00

DESCRIBED BY: Phil

ELEVATION: (9.2') 2.80m

LOCATION: Kelp 45

CORE LENGTH: 4.80m

LAT/LONG: 29° 17.509' / 89° 52.205'

TOTAL DEPTH: (18.67') 5.69m

COMPACTION: 0.89m

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	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
						0-78																			
						78-480																			

PHYSICAL DESCRIPTION

Unit B₁: 0-78
 Grey, horizontally-laminated, muddy, very fine sand.
 Shells common - small (<0.5cm diameter) clam shells
 Shell lag at base of unit (75-78cm) and at 46-49 cm.
 Contact with underlying unit gradual.

Unit B₂: 78-480 cm
 Grey, laminated mud unit. Basal section of unit (480-400cm) is heavily bioturbated, bedding is somewhat disrupted.
 Little bioturbation from 400-190cm. Lamination defined by color variations.
 Heavy deformation @ 190-175cm. Coffee grounds spread through laminae from 198-75cm.
 Muds became very dark greys from 146-192cm (possible soil horizon?)

0-78cm SC 0-2.56 ft
 78-480cm ML 2.56-15.75 ft