

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-20

DATE: 9-26-00

DESCRIBED BY: myke b.

ELEVATION: -2.65m (-8.7')

LOCATION: NE Barataria Bay

CORE LENGTH: 4.51m (14.79')

LAT/LONG: 29° 25.499 89° 52.900

TOTAL DEPTH: 5.69 (18.67')

COMPACTION: 1.18m (3.87')

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE					PHYSICAL DESCRIPTION					
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVE	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE		HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
						0-60cm																				0-60cm (ML) Massive clay and silt with a zone of shell fragments from 8-14cm. In situ roots at 39cm.
						60-204cm																				60-204cm (CL) Horizontal laminations of clay with an occasional lens of sand substituting for a clay laminae. Zone of bioturbation at 132-152cm. Bedding becomes hard to distinguish from 126-204cm.
						204-289cm																				204-289cm (OL) Subunit is that of a marsh consisting of a thick unit of organics large in situ roots are numerous and stratification is small scale horizontal laminae of organics with an occasional laminae of clay.
						289-451cm																				289-451cm (ML) Subunit is composed of horizontal laminations of clay with sand present from 136-190cm.

0-1.96 (ML) 1.96'-6.69' (CL) 6.69'-9.48' (OL) 9.48'-14.79' (ML)