

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00 55

DATE: 5-22-00

DESCRIBED BY: NICK F.

ELEVATION: (-31.0)

LOCATION: Kulp 43 SW OF QUATRE BAYOU

CORE LENGTH: 5.21m 17.09ft

LAT/LONG: LAT 29°15.3 LON 89.50396

TOTAL DEPTH: 17.66ft

COMPACTION: .57%

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE												
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	PHOTOGRAPH			

PHYSICAL DESCRIPTION

0cm-100cm - DARK gray silt/clay horizontal laminations. Organics near 70cm, burrow near 82cm lens of sand near 68cm

100-200cm DARK gray silt/clay horizontal lams, same as ↑. Organics spread throughout Large organic near 140cm, lg. organic near 170cm? Agmat 180cm

200-230cm DARK gray silt/clay @ 230cm gradation from silt/clay to sandier layers.

230cm-300cm Horizontal alternating layers of silt/sand w/ significant dewatering/deformation. Some organics spread throughout.

Dewatering begins at 2260cm ends about 311cm

300cm-311cm - dewatering continues 311cm-400cm Horizontal bedding w/ alternating sand/silt beds probably siltier. Some burrowing

400cm-432cm Horizontal bedding of some alternating sand/silt beds have slightly sandier.

430-466cm Dark gray horizontally bedded clay/silt layer lying atop thick organic section @ 5cm thick

466-471cm organic layer

472-500cm Horizontal layers sand/silt silt layers vary in thickness 1cm-5cm

500-BTM light brown sand unit w/ layers of silt/clay not very thick

0-240 cm CL 0-7.87 ft  
240-521 cm ML 7.87-17.09 ft