

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BGS 00-13 DATE: 3-5-00 DESCRIBED BY: Mike E.  
 ELEVATION: -7.29m (-24.6') LOCATION: 2 km SE of Natchitoches, Barataria Bay  
 CORE LENGTH: 4.80m (15.7') LAT/LONG: 29° 25' 03" 89° 58' 25"  
 TOTAL DEPTH: 5.69m (18.6') COMPACTION: 0.89m (2.9')

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS						STRATIFICATION TYPE						SAMPLE						
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVILE	INTERVAL	GRAIN	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BOTULBATION	WAVEY	FLASER	ENTRIGULAR	GROSS BED	MASSIVE BED	INCLINED BED	SPRIZ LAMINATION	GRAIN SIZE	HEAVY MINERAL	MINER. FOSSILS	SALINOMETRIC	PALEOGRAPHY	PHOTOMOGRAPH
						0	<p>KEY: SILTS AND SANDS TO BLACK SILTS                      when visible 0.2 - 1.0 cm</p>																		
						50																			
						100																			

Notes: soft clay at base  
DUC:52

PHYSICAL DESCRIPTION

0-53 cm  
 S unit contains silt and mud mixture with the presence of thin shell rich zones at 12-20 cm and at 32-52 cm. Shells are whole and in fragments ranging in size from small class 0.2 cm and whole shells 1.5 cm. Organics are present at 43 cm in the form of rooted material.

53-460 cm (cu)  
 ner gartol to massive clays with occasional thin lenses of coffee grounds. Coal fragments are crinkled throughout S unit.

460-480 cm  
 remaining side of unit consist of small class 0.1-0.3 cm in size. The remainder of the core is a mixture of silt and clay with horizontal laminations 0.2-1.0 cm in thickness.