

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS  
VIBRACORE DESCRIPTION SHEET

CORE ID: POW-96-15  
ELEVATION: (-11.7')  
CORE LENGTH: \_\_\_\_\_  
TOTAL DEPTH: \_\_\_\_\_

DATE: 3/16/98 DESCRIBED BY: Phil McCarty  
LOCATION: Offshore - Mouth of Teche/Atchafalaya R.  
LAT/LONG: \_\_\_\_\_  
COMPACTION: \_\_\_\_\_

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE										
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	GRAIN SIZE	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	FLASER	LENTICULAR	TRASS BED	MASSIVE BED	HOLED BED	HORIZ. LAMINATION	GRAIN SIDE	HEAVY MINERAL	MICRO FOSSILS	RAUOMETRIC	FRONTOGRAPHY	PHOTOGRAPH	
						<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>	<p>0-142</p> <p>142-245</p>

## PHYSICAL DESCRIPTION

Unit B 0-142 cm  
Brown, soft slightly silty clay unit.  
Firms slightly at depth.  
Has thin layers of tan mud interlayered with darker brown at top (0-51 cm) and bottom (117-142 cm) of unit.  
Contact with underlying unit is sharp and erosional.  
Rafted wood at base of unit (38-42 cm)

Unit C 142-245 cm  
Firms, olive gray, silty clay.  
Truncated at top by unit B.  
Vertical, thin (1 mm diameter) roots penetrate unit C top to bottom. No roots in unit B → rooting plant lived before B deposited.  
@ 142-166, unit C softer, darker, heavily burrowed (filled with darker muds) and irregularly splotchy.  
-Probably a soil horizon developed before deposition of B.  
@ 166-169 - abnormally colored AG layer  
@ 169-245 cm  
More typical hard, OG, silty clay with sand-filled burrows.  
Some splotchy orange oxidation.