

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS VIBRACORE DESCRIPTION SHEET

CORE ID: PN 97-48

DATE: Oct 15, 1997

DESCRIBED BY: P. Lomena

ELEVATION: (-4.0ft)

LOCATION: NE Shore Lake Point - SE of Pt. Platte

CORE LENGTH: 5.26m

LAT/LONG: N 30° 13.903 W 89° 56.315

TOTAL DEPTH: _____

COMPACTION: _____

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE														
CLAY	SILT	FINE SAND	MEDIUM SAND	COURSE SAND		GRAVEL	COLOR	TEXTURE	MOISTURE	PLASTICITY	WET	FLASK	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	WAVE LAMINATION	GRAIN SIZE	HEAVY MINERAL	WOB FOSSELS	DIAMETRIC	SANDRAPHY	PHOTOGRAPH							
																					<p>PHYSICAL DESCRIPTION</p>									
																										UNIT A 0-109cm				
																										UNIT 109-475				
																										UNIT 475-526cm				
																										<p>Very Soft Silty Mud w/ occasional F. Sand, Lenses. Lt. Br. in color, cemented by silt sand lenses. 2cm. Frag. in hand. Laminated at 75cm. V. Small Shell Frag. Found in Sand Lenses (very Sand Filled Burrows @ 16 & 30cm. Occasional Burrowing in this Unit. Terrestrial Burrows Siting Above Shell Log</p> <p>Soft silty clay w/ Raquin Shell Frag. and Lags. Burrowing Silty & Sandy w/ Depth. Two Raquin Shell Lags @ 119 & 134cm. Heavy Burrowing b/t the 2 Shell Lags. Unit becomes more Gray w/ depth. Lg. in situ @ 72 Raquin Shells @ 211 & 217cm. Fine. Upward Unit w/ horizontal flat loose continuous & discontinuous bedding. Lg. Oyster Shell Frag. @ 456cm. horizontal beds are often delineated by burrowing. Sharp basal contact. No Shell Found b/t 217-455. 1500. Or. Beasts. Mollusks but no fragments. 350-475cm. Oyster Shell Found at 456cm. is highly Burrowed.</p> <p>Med stiff Organic Rich. Dark Br. Clay w/ Sharp Top Contact. Top is highly Burrowed w/ H. Gray Filled Burrows. Unit becomes More Organic w/ depth. Rotted Organics At Base of Core. Clean Sand Filled Burrows. Abundant. More Base of Core. Some possible signs of Rooting (517cm)</p>				

PHYSICAL DESCRIPTION

UNIT A 0-109cm
Very Soft Silty Mud w/ occasional F. Sand, Lenses. Lt. Br. in color, cemented by silt sand lenses. 2cm. Frag. in hand. Laminated at 75cm. V. Small Shell Frag. Found in Sand Lenses (very Sand Filled Burrows @ 16 & 30cm. Occasional Burrowing in this Unit. Terrestrial Burrows Siting Above Shell Log

UNIT 109-475
Soft silty clay w/ Raquin Shell Frag. and Lags. Burrowing Silty & Sandy w/ Depth. Two Raquin Shell Lags @ 119 & 134cm. Heavy Burrowing b/t the 2 Shell Lags. Unit becomes more Gray w/ depth. Lg. in situ @ 72 Raquin Shells @ 211 & 217cm. Fine. Upward Unit w/ horizontal flat loose continuous & discontinuous bedding. Lg. Oyster Shell Frag. @ 456cm. horizontal beds are often delineated by burrowing. Sharp basal contact. No Shell Found b/t 217-455. 1500. Or. Beasts. Mollusks but no fragments. 350-475cm. Oyster Shell Found at 456cm. is highly Burrowed.

UNIT 475-526cm
Med stiff Organic Rich. Dark Br. Clay w/ Sharp Top Contact. Top is highly Burrowed w/ H. Gray Filled Burrows. Unit becomes More Organic w/ depth. Rotted Organics At Base of Core. Clean Sand Filled Burrows. Abundant. More Base of Core. Some possible signs of Rooting (517cm)