

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: PON-97-8

DATE: 11/26/97

DESCRIBED BY: Phil McCarty

ELEVATION: -7.7' -2.35m

LOCATION: North Shore Beach Public Park

CORE LENGTH: 1.28 m

LAT/LONG: 30° 13.340' / 89° 50.207'

TOTAL DEPTH: _____

COMPACTION: _____

SEDIMENTARY TEXTURE AND STRUCTURES	% SAND	PHYSICAL CHARACTERISTICS	STRATIFICATION TYPE	PHYSICAL DESCRIPTION																					
				CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVEL	INTERVAL (m)	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	FRAY	FLASER	VERTICAL	CROSS BED	MASSIVE BED	HOLED BED	MOBLE LAMINATION	GRAIN SIZE	HEAVY MINERAL
				<p><u>Unit A: 0-54 cm</u></p> <p>Inter-layered fine quartz sand with broken conchic shells and sandy mud. (0-15 cm)</p> <p>- bioturbated with burrows</p> <p>Becomes homogeneous light brown to light grey muddy sand with broken conchic frags. at 32 and 53 cm</p> <p>Sharp, erosional basal contact with Unit C.</p> <p>Base of A contains clay clasts from unit C.</p> <p>Oxidation present below 42 cm.</p> <p><u>Unit C: 54-128 cm</u></p> <p>Olive grey clay, sharply eroded at top.</p> <p>Burrowed throughout.</p> <p>Most burrows filled with clean white fine sand.</p> <p>Several burrows near top filled with sand similar to Unit A. (-2 stages of burrowing?)</p> <p>Unit C often has orange oxidation - even clasts found within unit A.</p> <p>Organics 80-90 cm are possibly deep recent roots.</p> <p>Orange oxidation present throughout.</p> <p><u>1.54m = 1.77 FE</u></p>																					