

GeoMarine Research Laboratory Coastal Studies Institute

VIBRACORE DESCRIPTION SHEET

CORE ID: PON 96-02 DATE COLLECTED: 9/26/96 DESCRIBED BY: Jim F.
 ELEVATION: 6.2' COMPACTION: 1.69 DATE DESCRIBED: 1/29/97
 CORE LENGTH: 482 cm LAT/LONG: 30° 15.314 / 89° 54.323
 TOTAL DEPTH: _____ LOCATION: GOUSE PT. LAKE PONTCHETRAIN

Compaction from penetrometer reading

estuarine
fluvial

SEDIMENTARY TEXTURE AND STRUCTURES							% SAND	PHYSICAL CHARACTERISTICS				STRATIFICATION TYPE				SAMPLE	DESCRIPTION AND REMARKS											
CLAY	SILT	VERY FINE SAND	FINE SAND	MEDIUM SAND	COARSE SAND	VERY COARSE SAND		COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVY	FLASER			LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH
							0																					
							50																					0-100 cm. massive med. sand; Some bioturbation. very little shell
							100																				100-110 cm shell lag 110-120 massive med. sand. 120-130 shell lag 130-150 massive med. sand 150-160 massive coarse sand some shell in situ	
							200																				160-180 shell lag 180-200 massive coarse-med. sand 200-240 massive med. sand 240-270 " some shell lag 270-290 massive med. sand 290-310 " color change oxidized 310-400 massive med. sand, some bioturbation increasing with depth - dewatering	
							400																				400-430 silt & clay w/ fine sand * sand laminations decreasing with depth 430-482 laminated clay s, sand laminae at 465 cm * redded organic at 420 cm.	