

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS
VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-14 DATE: 9-22-00 DESCRIBED BY: myke b.
 ELEVATION: -2.8 m (-9.2') LOCATION: Central BARATARIA BAY
 CORE LENGTH: 4.94m (16.20') LAT/LONG: 29° 23.441 89° 57.814
 TOTAL DEPTH: 5.69m (18.67') COMPACTION: 0.75 m 2.46'

Notes: lost top 12" on cut
PHYSICAL DESCRIPTION

SEDIMENTARY TEXTURE AND STRUCTURES						% SAND	PHYSICAL CHARACTERISTICS						STRATIFICATION TYPE						SAMPLE							
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRANULE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	
						0																				
						50																				
						100																				

m
1m
m
0.82m
3m
91m
4m
94m

0-188cm (CL)
Massive muds and silts with an occasional shell lag. Sub units silt content decreases as depth increases. shell lags are present at 60-65cm consisting of shell clast 0.2-0.5cm in size and a second lag present at 139-146cm consisting of oyster shells appx 2.0cm in size. A slight amount of deformation is present from 178-188cm.

188-282cm (SP)
Sand rich sub unit consisting of horizontal beds with some deformation present from 208-246cm. Bed thickness ranges from 0.2-0.5cm in thickness. Organics at 222cm in the form of root tracks.

282-391cm (CL)
Horizontal clay laminations with an occasional substituti thin lens of SAND. Interbedd

391-491cm (CL)
sub unit much like top of core but consist of mass deposits of mud and little silt & little if any SAND. A significant organic deposit is at 422-442cm. The remainder of the core has roots peppered through it.

0'-6.16' (CL) 6.16'-9.25' (SP) 9.25'-12.82' (CL) 12.82'-16.20' (CL)