

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-184 DATE: 7-24-00 DESCRIBED BY: myke b.
 ELEVATION: -9.29m (-30.5') LOCATION: 8 km south of Bayou Quatre Pass
 CORE LENGTH: 4.07m (13.35') LAT/LONG: 29° 14.337 89° 51.725
 TOTAL DEPTH: 5.06m (16.60') COMPACTION: 0.99m (3.25')

SEDIMENTARY TEXTURE AND STRUCTURES		% SAND	PHYSICAL CHARACTERISTICS	STRATIFICATION TYPE	SAMPLE
CLAY	SILT		COLOR	WAVY	GRAIN SIZE
FINE SAND	MEDIUM SAND	0	REFORMATION	FLASER	HEAVY MINERAL
COARSE SAND	GRANULE	50	BED THICKNESS	LENTICULAR	MICRO FOSSILS
		100	% SHELL	CROSS BED	RADIOMETRIC
			% ORGANIC	MASSIVE BED	PHOTOGRAPH
INTERVAL			% BIOTURBATION	INCLINED BED	
				HORIZ. LAMINATION	
0m					
1m					
2m					
3m					
4.07m					

PHYSICAL DESCRIPTION

0-82 cm (CL)
 Top 30 cm of sub unit a mix of sand, mud and silt. Deformation is not present and bedding appears to be massive without traces of organics or bioturbation. 30-82 cm, mostly laminated muds brown to grey in color.

82-407 cm (ML)
 Inter bedded SANDS, silts and clays. Beds are horizontal and have an avg. thickness of 0.5-1.0 cm. The muds are grey to dark grey and the sands are tan in color. Deformation is present from 190-210 cm. Organics in the form of coffee grounds substitute for a laminae at 204, 236, 296, 324-328 and at 352-356 cm. Bioturbation is mostly absent, but burrows are present at 148, 178, 250 and a mild bioturbated zone at 258-261 cm. The sub unit becomes sand rich as you move to the bottom and the bedforms also change from horizontal to wavy to massive.

0' - 2.69' (CL) 2.69' - 13.35' (ML)