

# UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS 00-115 DATE: 6-29-00 DESCRIBED BY: Myke  
 ELEVATION: -3.688m (-12.1') LOCATION: South of Scofield Bay by ≈ 1km  
 CORE LENGTH: 3.44m (11.28') LAT/LONG: 29° 14.069 89° 34.046  
 TOTAL DEPTH: 3.849m (12.628') COMPACTION: 0.409m (1.327')

| SEDIMENTARY TEXTURE AND STRUCTURES |      |           |             |             | % SAND | PHYSICAL CHARACTERISTICS |          |       |             |               | STRATIFICATION TYPE |           |                |      |        | SAMPLE     |           |             |              |                   |            |               |               |             |            |            |
|------------------------------------|------|-----------|-------------|-------------|--------|--------------------------|----------|-------|-------------|---------------|---------------------|-----------|----------------|------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY                               | SILT | FINE SAND | MEDIUM SAND | COARSE SAND |        | GRAVEL                   | INTERVAL | CO-DR | 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 |
|                                    |      |           |             |             |        | 0-100                    |          |       |             |               |                     |           |                |      |        |            |           |             |              |                   |            |               |               |             |            |            |
|                                    |      |           |             |             |        |                          |          |       |             |               |                     |           |                |      |        |            |           |             |              |                   |            |               |               |             |            |            |

notes: pvc 68, refusal after 9.75 min. mod. stiff clay at base. About 6" cut from top, put in PHYSICAL DESCRIPTION 21 PLOC BAG so core length & total depth dont reflect true core length.

0m  
1m  
2m  
3m  
3.44m

0-132m (SC)  
 Subunit consist of interbedded clay laminations and sand lens. Top of unit (14cm) is marked by shell clast and some whole shells 1-2cm in size. Color of the laminations ranges from red-orange to grey-dark grey. Deformation is not visible. Bed thickness is 0.5cm - 2cm and for the most part horizontal in nature but appear to be uneven in tickness. Organics are largely absent but their is evidence bioturbation by burrows which tend to decrease as depth increases.

132-314cm (CL)  
 sub unit is clay rich with the absence of sand. Color is grey to light grey and deformation is absent as well as defined bedding. Also absent are shells and the presence of bioturbation. Stratification type is massive with a few sand lens towards the bottom of s. unit. S. unit has the presence of organics that look like rafted deposits.

314-344cm (BTM) (SP)  
 sub unit is predomately sand with a small % of clay & silt. Color is light grey. Deformation shells, organics & bioturbation are absent. strat. type is massive with a few clay clast present.

0-4.33' (SC) | 4.33' - 10.30' (CL) | 10.30' - 11.29' (SP)