UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: SCC01-G4 (PVC64) DATE: 9-7-01 DESCRIBED BY: A. Peters

ELEVATION: -4.26 m (-14') LOCATION: gulfside

CORE LENGTH: 5.19m LAT/LONG: 2902.9369 / 9031.6416

TOTAL DEPTH: 1808) 5.51m COMPACTION: 0.32 m (1.05')

SEDIMENTARY TEXTURE AND STRUCTURES | % SAND | PHYSICAL CHARACTERISTICS | STRATIFICATION TYPE | SAMPLE

CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRANULE | INTERVAL | 0 — 50 — 100 % SAND | COLOR | DEFORMATION | BED THICKNESS | % SHELL | % ORGANIC | % BIOTURBATION | HEAVY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | HORIZ. LAMINATION | GRAIN-SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | ROUNDGRAPH | PHOTOGRAPH

PHYSICAL DESCRIPTION

0m

1m

2m

3m

4m

5m

5.19m

light to medium grey clay/fine sand

1.0 to 3.0cm

0- 45cm
Massive unit of fine grained sand. The sand is dark tan in color. Small shell fragments can be seen throughout bed. There is also some bioturbation, Gradual change into flaser bedding.

45- 70cm
Flaser bedding of silt and sand. Silt is light grey while sand is a dark tan. Small shell fragment and burrows can be seen. The sand layer are replaced by clay layers around 60cm.

70- 121cm
massive bed of light grey silt (70-120cm) Some burrows and shell fragments can be seen.
120- 171cm - dark grey massive bed of clay. A large burrow located at 160 cm. Gradual transition into horizontal lamination.

171- 519cm
horizontally laminated bed of medium grey clay. Bed thickness ratings from 1.0 to 3.0 cm. Some deformation at 290 cm. Some laminations of sandy silt throughout