

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-92
 ELEVATION: (-17.4') -5.30m
 CORE LENGTH: 5.49m
 TOTAL DEPTH: (18.67') 5.69m

DATE: 6/13/00 DESCRIBED BY: Ph:1
 LOCATION: (pvc 28) Nearshore, SW of Chalant Pass
 LAT/LONG: 29° 17.873' / 89° 45.302'
 COMPACTION: 0.20 m

0 cm

B

549 cm

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | | % SAND | PHYSICAL CHARACTERISTICS | | | | | | STRATIFICATION TYPE | | | | | | SAMPLE | | | | | | |
|---|------|-----------|-------------|-------------|---------|--------------|--------------------------|-------------|--------------------|---------|-----------|----------------|---------------------|--------|------------|-----------|-------------|--------------|-------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | GRAVULE | INTERVAL (m) | COLOR | DEFORMATION | BED THICKNESS (cm) | % SHELL | % ORGANIC | % BIOTURBATION | WAVY | FLASER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | HORIZ. LAMINATION | GRAIN SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH |
| [Hand-drawn sediment texture diagram showing alternating layers of silt and sand] | | | | | | 0-5.49 | Dark Grey | | 0.5-1 cm | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

Unit B: 0-549 cm
 Dark grey, fining-upward, lenticular to laminated, clayey silt to silty clay unit. Base of unit (549-420 cm) has lenticular sands. Middle of unit (420-255 cm) is alternately laminated muds and laminated muds with lenticular sands. Top of unit (255-0 cm) is laminated muds with decreasing silt content. One organic-rich lamination at 318-319 cm. Several laminae at top (5-18 cm) reddish brown. Nearly no shells or bioturbation through unit.
 - few shells at 545-549 cm and at 522 cm.
 - few burrows @ 10-18 cm and one large burrow @ 54-64 cm

0-18.01ft
 0-549 cm - CL