

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS00-64

DATE: 5-22-00

DESCRIBED BY: NICK F

ELEVATION: (-24.00 FT) 7.32m

LOCATION: Kulpsite 42 SE of Quantico Bayou

CORE LENGTH: 9.95m 12.96ft

LAT/LONG: Lat → 29°16.008 Lon → 89°51.153

TOTAL DEPTH: 14.40ft 4.39m

COMPACTION: .44m 1.41ft

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

PHYSICAL DESCRIPTION

whole core fines upward
 Unit A 0-228 - mud/clay dk gray
 Unit B - 228 - sand alternating w/ clay

0-71cm DARK brown clay
 some laminations at 55cm
 some shells, organics
 at 73cm & also at 85cm

71cm - litho change to a laminated
 clay & silt very small layers
 some organics (grounds)

71-100cm - DARK gray clays & silts
 some organics throughout (coffee grounds)
 some laminations.

100cm - 200cm DK gray clays & silt
 (coffee grounds) organics throughout
 as well. Rotted wood at 174cm & 195cm

200-228cm - Rotted wood at 211cm
 same dark gray clay & silt same organics
 228cm lithology gets sandier.

228cm - 300cm - sandier units alternating
 w/ clay, thickness of clay varies.
 dark gray clays, light gray sands
 horizontal lam.

300-310cm - sand horiz. laminations
 slightly deformed, brown color.
 alternating w/ layers of siltier sand
 sand throughout core (fines upward)

310-346cm - fine grain sand w/ some
 silt

346-BTM - sandier unit lighter
 brown, inclined beds 371cm
 some clay at 378cm then
 sand until bottom

0-230 cm CL 0-7.55 ft
 230-330 cm SC 7.55-10.83 ft
 330-395 cm SP 10.83-12.96 ft