

LOUISIANA GEOLOGICAL SURVEY

VIBRACORE DESCRIPTION SHEET

CORE ID: LP-95-3

DATE: Dec 10, 1995

DESCRIBED BY: P. Connor

ELEVATION: -14.0 ft (4.27m)

LOCATION: South Central Lake Pontchartrain

CORE LENGTH: 4.92m

LAT/LONG: N 30° 05' 46.4" / W: 90° 04.498

TOTAL DEPTH: 5.61m

COMPACTION: 69cm

| SEDIMENTARY TEXTURE AND STRUCTURES | | | | | % SAND | PHYSICAL CHARACTERISTICS | | | | STRATIFICATION TYPE | | | | SAMPLE | | | | | | | | | | | | |
|------------------------------------|------|-----------|-------------|-------------|--------|--------------------------|----------|-------|-------------|---------------------|---------|-----------|---------------|--------|---------|------------|-----------|-------------|--------------|------------------|------------|---------------|---------------|-------------|------------|------------|
| CLAY | SILT | FINE SAND | MEDIUM SAND | COARSE SAND | | GRANULE | INTERVAL | COLOR | DEFORMATION | BED THICKNESS | % SHELL | % ORGANIC | % BOTULBATION | WAVEY | FLASHER | LENTICULAR | CROSS BED | MASSIVE BED | INCLINED BED | PORZ. LAMINATION | GRAIN SIZE | HEAVY MINERAL | MICRO FOSSILS | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH |
| | | | | | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 4 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 5 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 6 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 7 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 8 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 9 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 10 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 11 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 12 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 13 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 14 | | | | | | | | | | | | | | | | | | | | |

PHYSICAL DESCRIPTION

UNIT: A 0-22cm
 V. Soft Rock Gray Silty Clay (Mud)
 Lig. Unit. Burrowed Throughout.
 Sc. 2.1cm Rangia Shells & Frag. Massive
 Unit/Bedding. Shell Lag @ 20cm. Subst
 Base Contact. Partially Organic.

UNIT: B₂ 22-492cm
 Soft M. Gray Silty Clay. Silty Sand
 Filled Burrows. Generally Massive
 Bedding w/ Fairly Horizontal Laminae.
 Sc. Shell Frag. Silty Sand Lenses @ 315,
 411, & 485cm. Rangia Shells @ 332cm (3cm)
 Shell Filled Burrow @ 471. Silty Fine
 Sand @ Base w/ Shell Frag. Becomes
 Stiff w/ Depth.

UNIT: B₂? 472-492cm
 Mod Stiff Silty F. Sand w/ Scattered Shell

492cm
 Frag. Massive Unit

0 - 420
 13.6 - Top A
 4.3 - B₂ A / Top B₂
 29.0 - B₂ B / Top C₂

29.7 - TD
 Tide = +1.45

Plat = 15.4'

14.00
 1.45
 12.55