UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

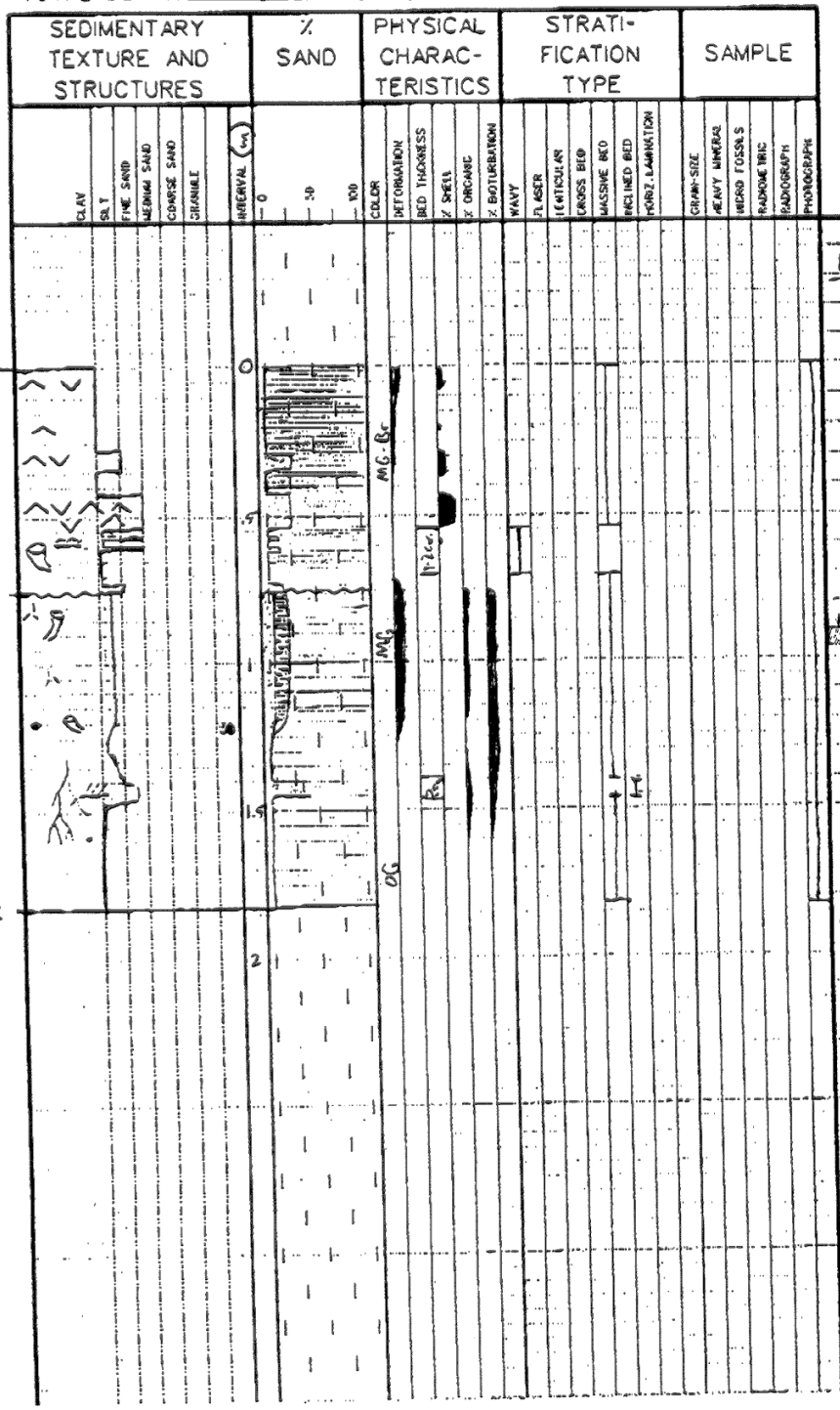
VIBRACORE DESCRIPTION SHEET

CORE ID: PON 97-47 DATE: Oct 16, 1997 DESCRIBED BY: Phil McCarty

ELEVATION: (-4.0 ft) -1.22 m LOCATION: N. Central Shore, L. Ponch - SE of Bayou Cane

CORE LENGTH: (72.5'?) 1.84 m LAT/LONG: N 30° 18.381' / W 90° 00.028'

TOTAL DEPTH: (6.02') 1.84 m COMPACTION: 0



PHYSICAL DESCRIPTION

Unit A 0 - 75 cm
V. Soft Med-Dark Grayish Brown Mud with silty fine sand-filled burrows.
Small Rangia shells throughout unit with Shell lag sandy deposits @ 40-54 cm.
Massive unit with occasional sand waves.
Erosional contact at base.
Wavy 3 cm bed @ 56 cm.

Unit C 75 cm - 182 cm
Gray clay unit.
Soft at top, stiffening starting @ 120 cm, also trending towards olive gray color starting @ 120 cm.
Organic fragments @ top & occasionally throughout.
Massive unit, highly deformed top half.
Also highly bioturbated from 76 - 125 cm. F. Sand & silt-filled burrows.
Inclined sandy layer @ 145 cm.
Large in-place rooting 130-155 cm.
Very stiff olive gray clay starting 155 cm → bottom (Typical Pleistocene)
- Probably Pleistocene 75 cm → bottom, soil horizon 75 cm → 155 cm

.75 m = 2.46 ft

FEB-26-1998 13:17 FROM UNO GEOLOGY & GEOPHYSICS TO 8418488138933333 P.33