UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

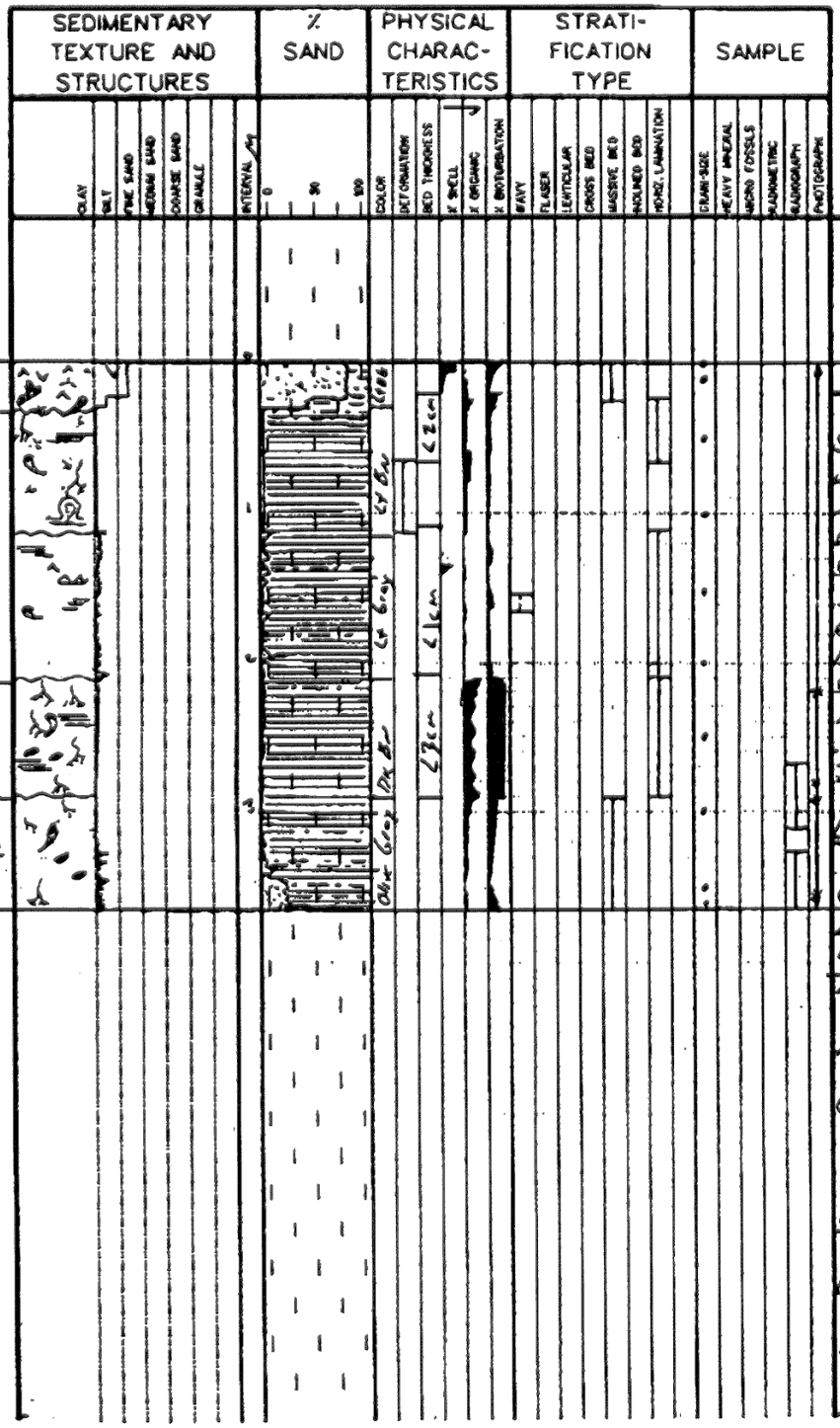
VIBRACORE DESCRIPTION SHEET

CORE ID: PON 97-93 DATE: Oct 17 1997 DESCRIBED BY: P. Lamma

ELEVATION: − 8.8ft LOCATION: Mouth of Lake Pont, Switched Bayou Bonfouca

CORE LENGTH: 3.62m LAT/LONG: N 30° 14.592' / W 89° 52.415'

TOTAL DEPTH: COMPACTION:



Unit: 0 − 29cm

Very Fine Silty Sand w/ dramatic Lg (5-7cm) Range Shell At Top (Shell Lag). Decrease In Shell Content w/ depth. Sharp Basal Contact From Silty Sand to Organic Clay. Generally Massive Unit w/ occasional Sm Rafted Organics (Floating)

Unit: 29 − 211

Med. Silt Dk Gray Clay. Generally Horiz. Laminations By F. Silt & Sand at Bedding Planes. Bioturbation by Dewatering & Burrowing. Thin Organic Rich Lyr @ 70 − 104cm. V. Small Rafted Organics Throughout. Numerous Sand Lyrs (Single Sm (1-5cm) Range @ 84 Sigma of Rel. Just above organic Clay Bed.

Unit 211 − 310

Organic Rich Clay Unit w/ Interbedded Lt & Dark Clay. In place Looking. Horiz Laminations.

Burrows / Root Evid. Found Sand Lenses 230. Lg Burrow @ 280 − 295cm. Heavy Burrowing Throughout. Very Subtle Basal Contact. Unit Becomes Stiffer w/ depth And Also Become Massive. Silty Sand Filled Burrows. From 280 − 310cm. Lg Clay Clast @ 220cm. or Bedding Clast.

Unit: C 310 − BTM

V. Stiff Olive Gray Silt Clay. Unit Becomes Coarser w/ depth. 235 − 323 ft. Heavy Burrowing Near Top of Unit. Unit is Massive. Pleistocene Horizons. Some Signs of Oxidized Organics. In place looking from 356 − BTM.

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