LOUISIANA GEOLOGICAL SURVEY

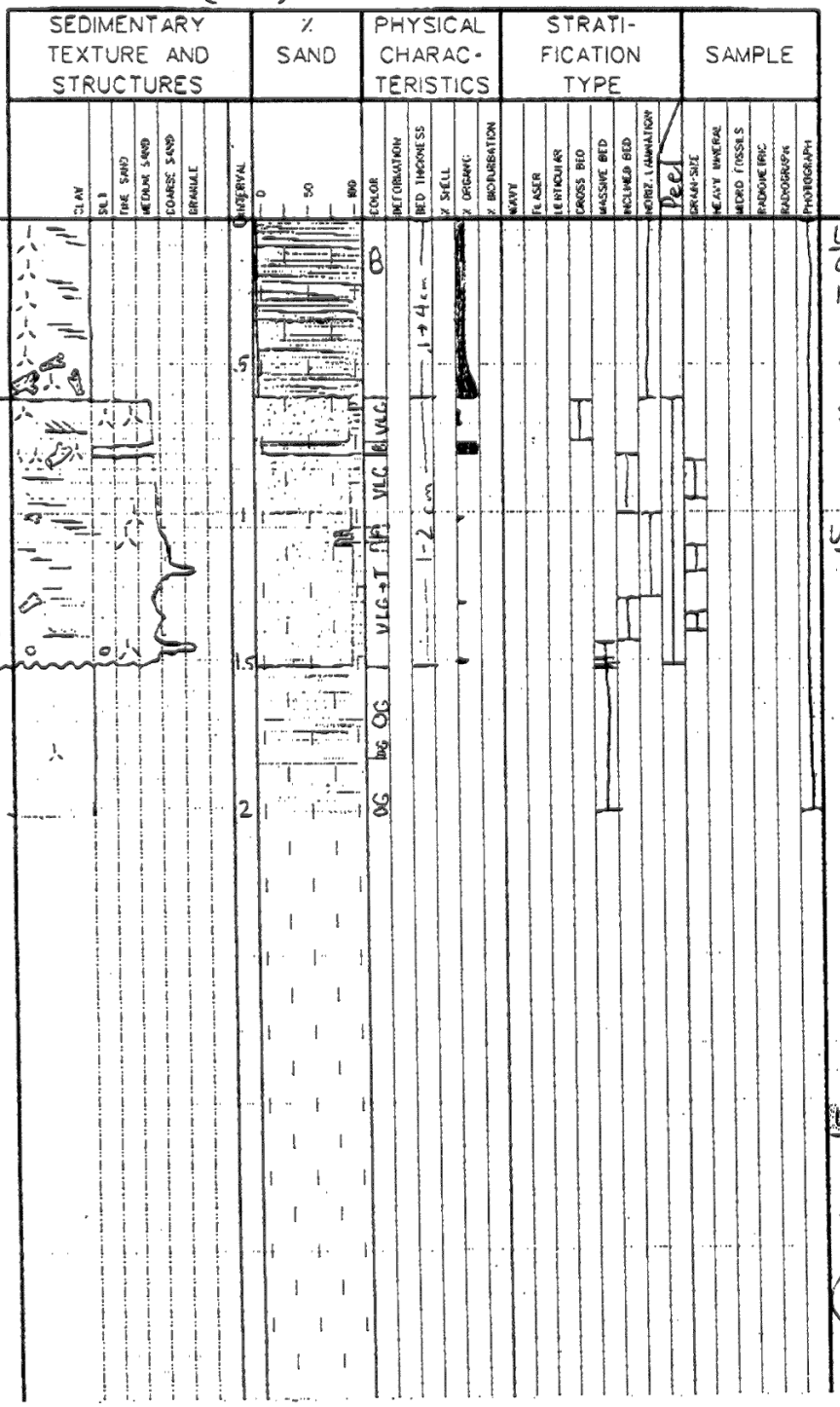
VIBRACORE DESCRIPTION SHEET

CORE ID: PON-97-40 DATE: 10/8/97 DESCRIBED BY: Phil McCarty

ELEVATION: (+12ft) +3.66m LOCATION: Mid-Channel Bayou Lacombe (up river

CORE LENGTH: (80") 2.03m LAT/LONG: 30° 17.191' / 89° 56.253'

TOTAL DEPTH: (8.0ft) 2.44m COMPACTION: 0.41m



PHYSICAL DESCRIPTION

Unit A: 0-62 cm

Organic-rich black clay

Interlaminated Dark Black (dominant) with thin Grey-Brown Clay

Abundant wood and bark at the base (52-62 cm).

Sharp basal contact with unit B.

No evidence of erosion

Unit B: 62-152 cm

Medium to, occasionally, coarse very light grey to tan, sand.

Cross-bedded at top (62-75 cm) and rich in organics and wood.

Layer of organics and wood (176-180 cm

Large X-beds or inclined beds (80-100 cm and 127-143 cm), planar bedding in between (100-127 cm)

Two dark grey planar beds (104-107 cm and 108-110 cm) richer in organics

Grain size reaches granules @ 117 cm and 144-152 cm.

Erosional contact with Unit C; clay clasts, siderite nodules and pebbles at base (144-152 cm)

Sequence coarsening upward followed by fining upward.

Unit C: 152-204 cm.

Massive grey clay

Oxidized organics 182-204 cm.

Organic-bearing darker grey layer @ 180-182 cm

1.52 m = 4.99 ft