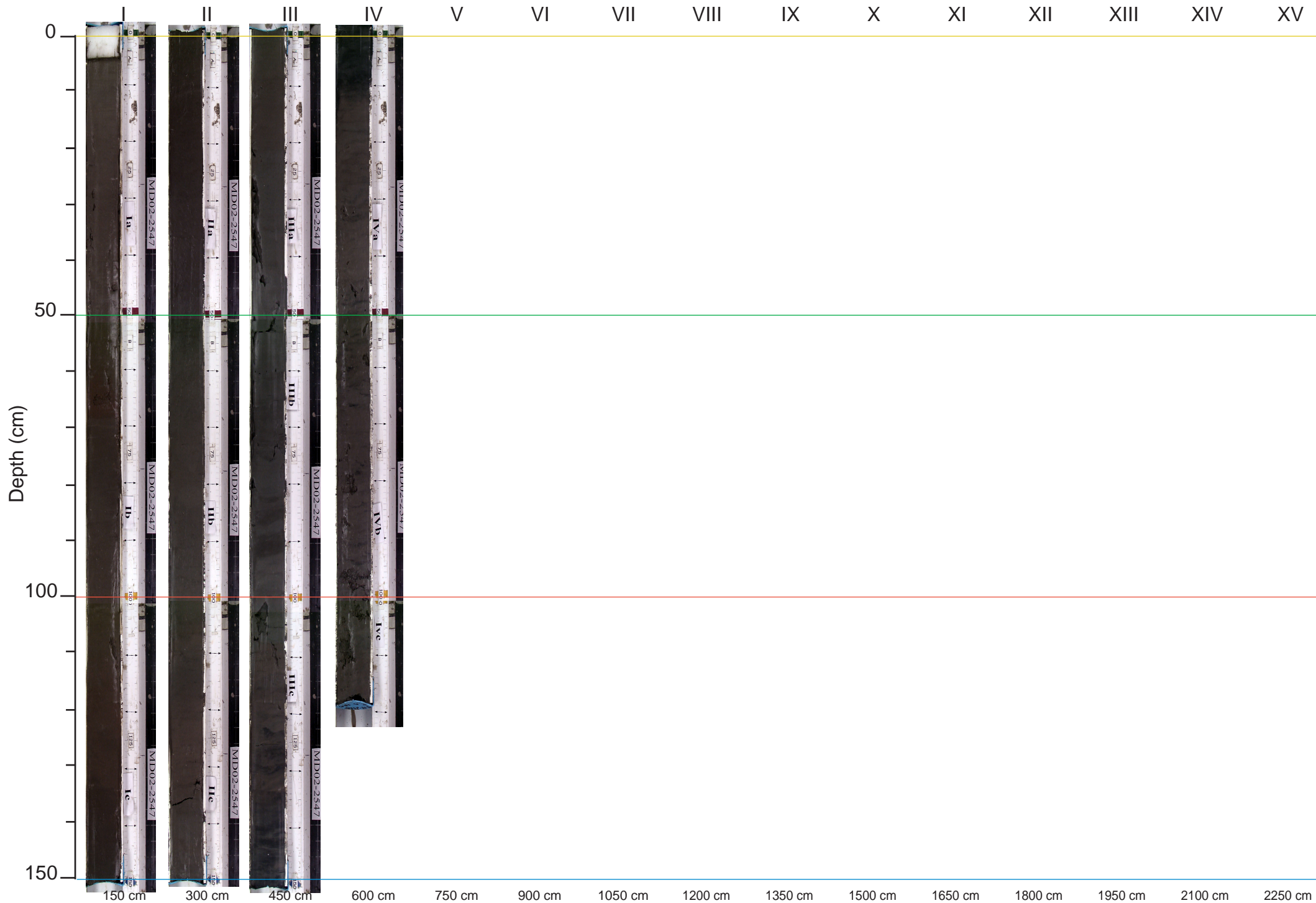


MD02-2547 (sections I to IV)



Day: 07/07/02
Latitude: 27°36.99 N
Water depth: 607 m

GMT time: 9:44
Longitude: 92°14.90 W
Location: Tunica Mounds

Core number: **MD02- 2547GHF**

Corer type: Gravity/Flux core
Corer length: 21.42 m
Core length: 5.73 m

Observations

Corer condition:

Corer bent at 12m during the first trigger

Core condition:

Top polystyrene pushed in the core

Sections and Sampling

Number of sections recovered and conditions :

4 sections of 1,5 meter recovered, the last section measures 123 cm, good conditions.

Onboard sampling and post cruise processing :

- Both the working and archive halves will be stored at Texas A&M University
- 1 bag of core top sediment was taken
- MST magnetic susceptibility, gamma ray attenuation and p-wave measurements were made downcore, at a resolution of 2 cm. Colour measurements were taken every 2 cm.
- USGS core measurements and activities : Elec. Resist ; Vane Shear , water content, (USGS-WH), Thermal conductivity (Univ.Victoria)

Summary of physical and sedimentological observations

Dominant lithologies: 0-60 cm, light greenish gray sandy silt with forams and coccoliths. 60-337 cm, pinkish, greenish and brownish gray silty clay with decreasing downward forams. Bioturbation common to abundant. 337-570 cm, wavy layered greenish to dark greenish clay with calcareous debris.

Minor lithologies: Organic-rich layers around 423 cm.