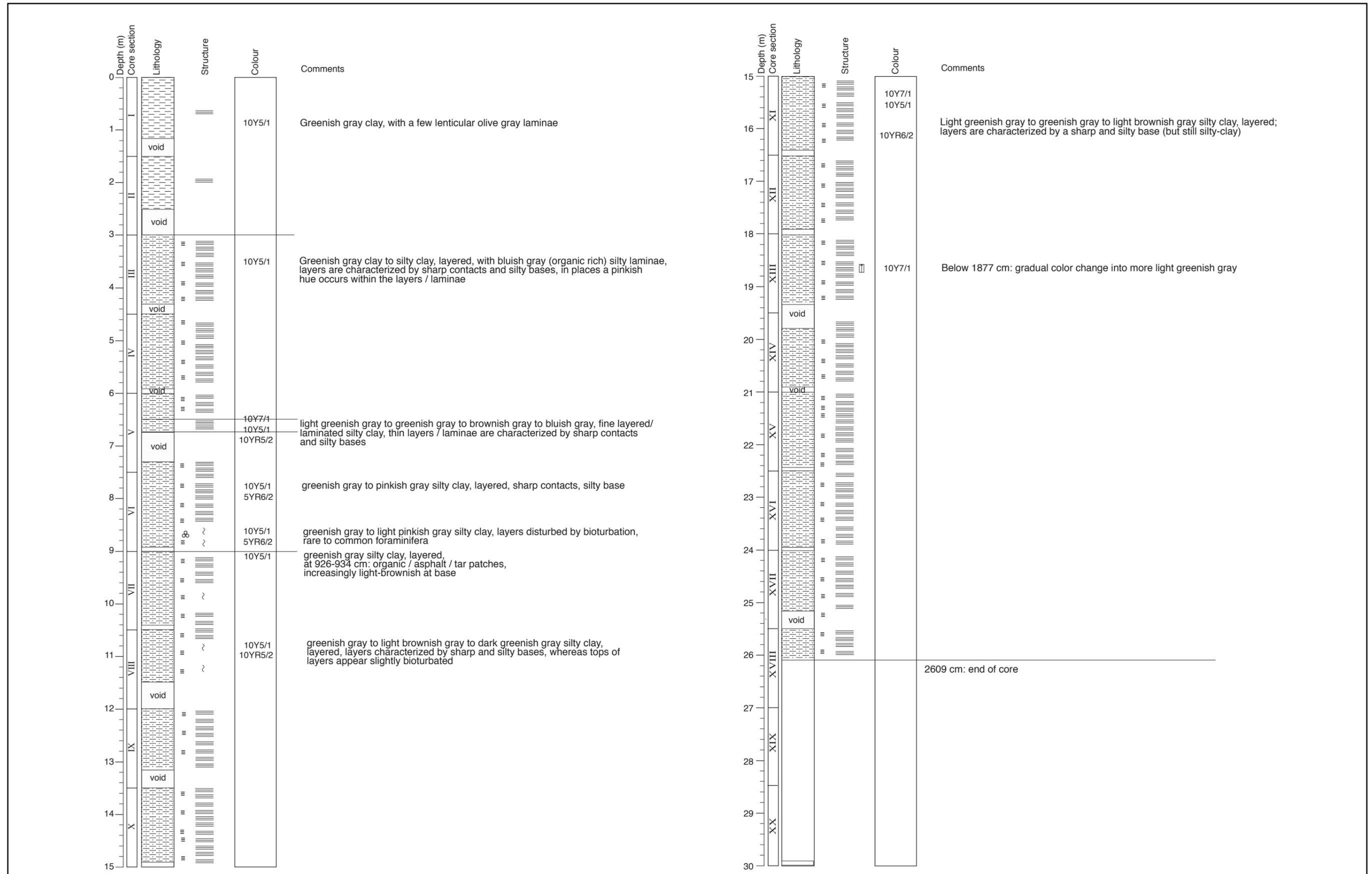
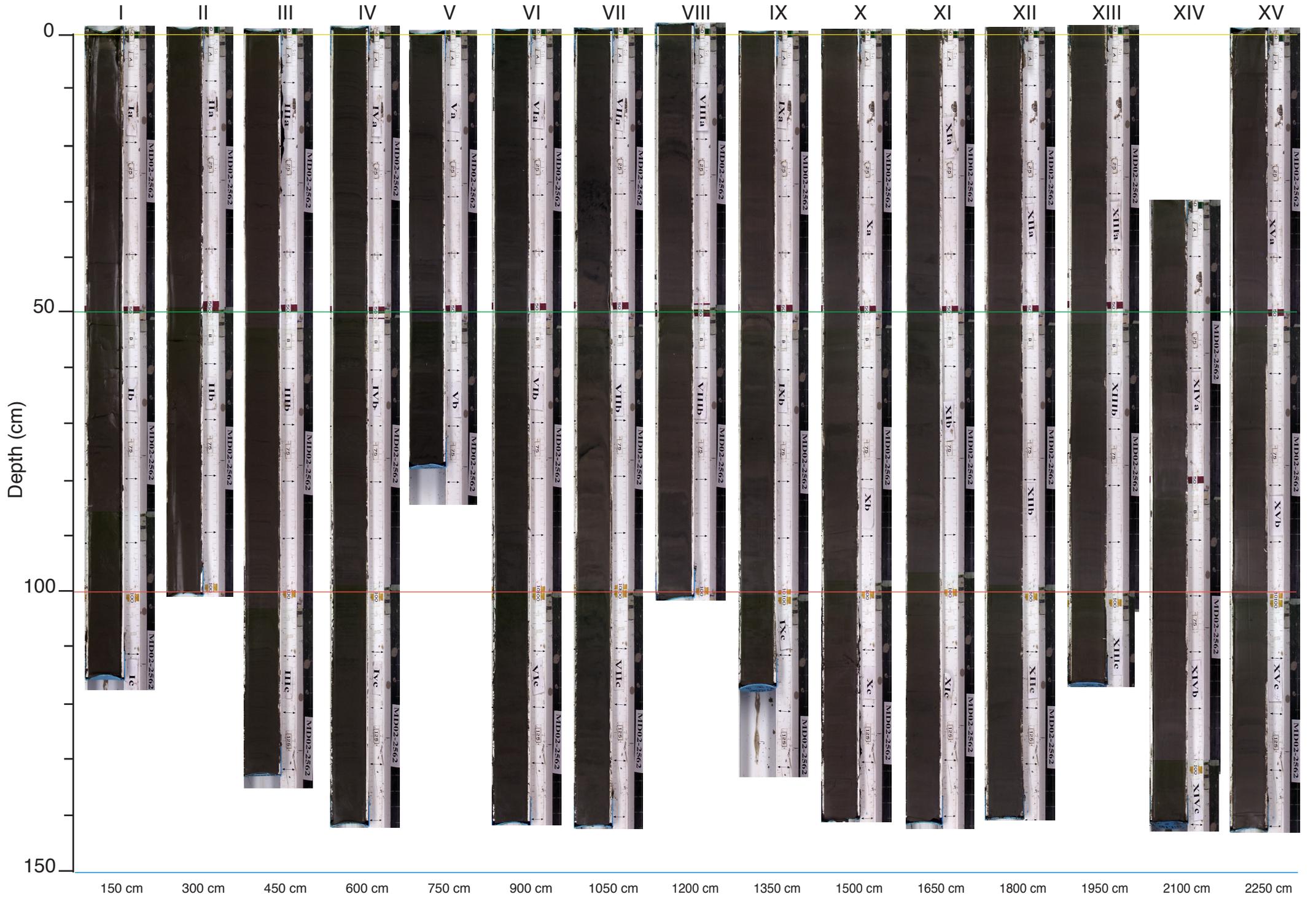


Core description



MD02-2562 (sections I to XV)



Day : 12/07/02
Latitude: 28°04.79 N
Water depth: 1051 m

GMT time: 04:02
Longitude: 89°08.41 W
Location: Kane Spur

Core number: **MD02-2562**

Corer type: Calypso core
Corer length: 35 m
Core length: 26.09 m

Observations

Corer condition: Good

Core condition: Good

Sections and Sampling

Number of sections recovered and conditions:

18 sections of 1.5m were recovered; the last section measures 59 cm

A 10 cm section was taken on each section, some other on section III, IX .A 20 cm section was taken on sections I, II, V, VIII, XIII, XIV

Onboard sampling and post cruise processing:

- Both the working and archive halves will be stored at Texas A&M University
- Two bags were recovered : 1 core catcher, 1 core top
- The 10 cm sections were taken for pore water analysis (microbiology, and SO₄⁻, Cl⁻, CH₄, ¹⁴C, DIC) (MBARI, Univ.Tokyo)
- 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, whole rounds for consol/triaxial (USGS-WH), Headspace Gas (USGS-Menlo Park), Thermal conductivity (Univ.Victoria)

Summary of physical and sedimentological observations

Dominant lithologies: Greenish to light greenish gray layered silty clay. Some bioturbation. Rare to absent foraminifers. Some layers are composed of fining upward silty clay.

Minor lithologies: None.