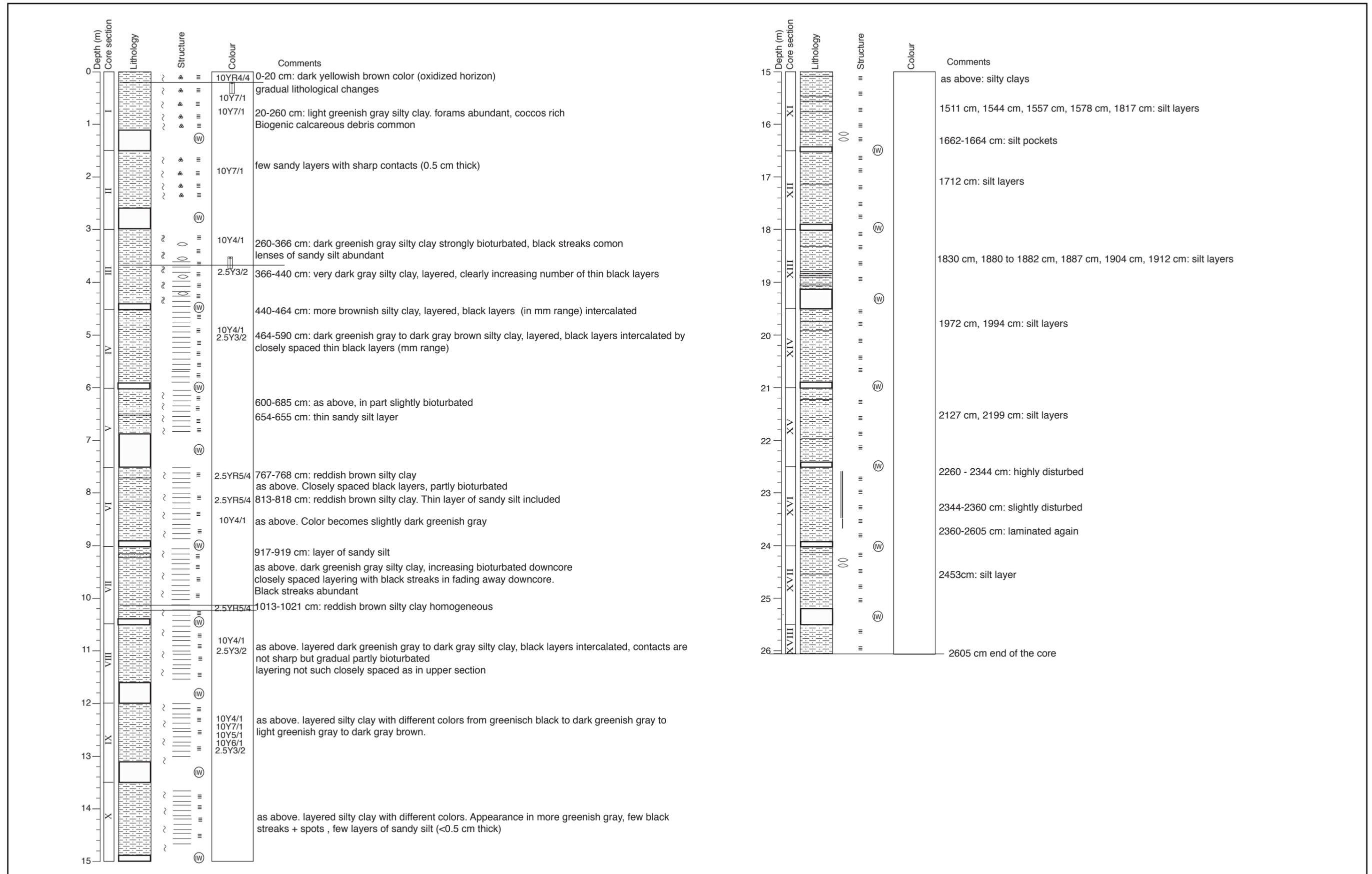
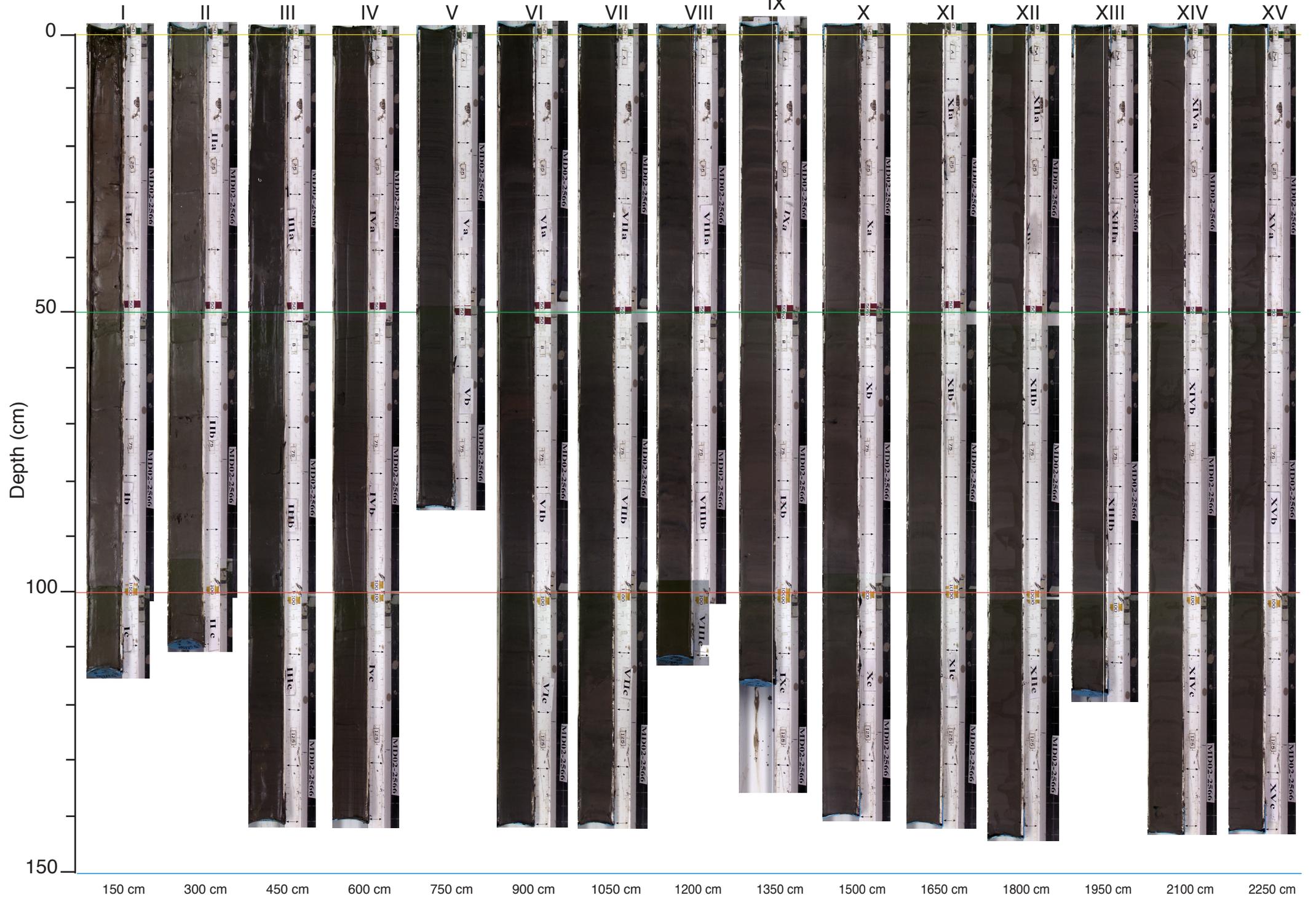


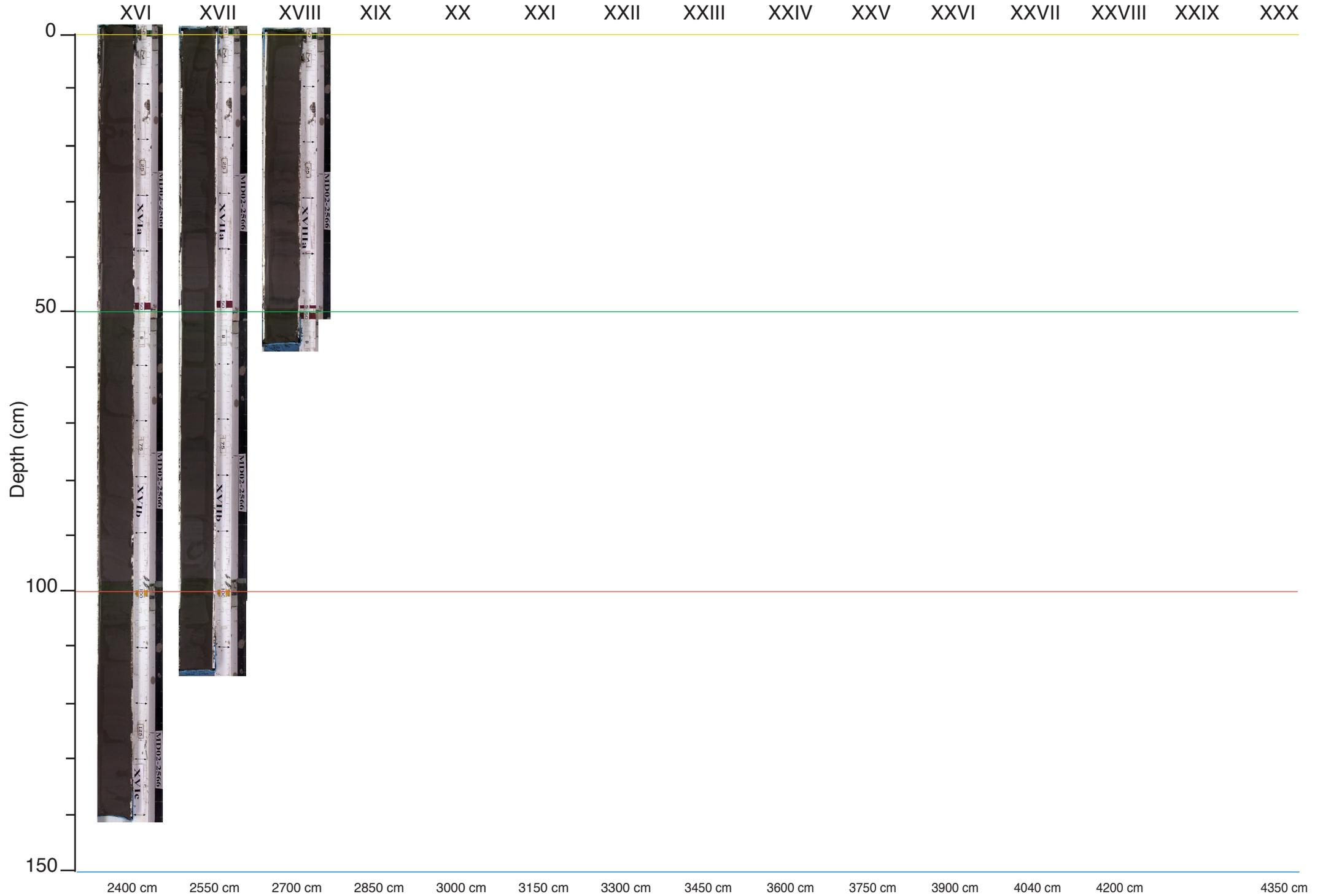
**Core description**



# MD02-2566 (sections I to XV)



# MD02-2566 (sections XVI to XVIII)



Day: 13/07/02  
Latitude: 28°07.15 N  
Water depth: 1186 m

GMT time: 09:13  
Longitude: 89°06.19 W  
Location: Kane Spur

Core number: **MD02-2566**

Corer type: Calypso core  
Corer length: 33.60 m  
Core length: 26.05 m

### **Observations**

*Corer condition:* Good

*Core condition:* Good. Section XVI is slightly to highly disturbed.

### **Sections and Sampling**

*Number of sections recovered and conditions:*

18 sections of 1.5m were recovered; the last section measures 105 cm

A 10 cm section was taken on each section, and some in extra at sections II, IV, V, VIII, XI, XV.

*Onboard sampling and post cruise processing:*

- one bag was recovered: 1 core top
- Both the working and archive halves will be stored at Texas A&M University
- the 10 cm sections were taken for pore water analysis (microbiology, and SO<sub>4</sub><sup>-</sup>, Cl<sup>-</sup>, CH<sub>4</sub>, <sup>14</sup>C, DIC) (MBARI, Univ.Tokyo)
- 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)
- 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.

### **Summary of physical and sedimentological observations**

*Dominant lithologies:* Light to dark greenish gray silty clay with some layering. Foraminifers visible on the first 260 cm of the core with coccolith. Silt layers occur from 1400 cm to the end of the core.

*Minor lithologies:* None