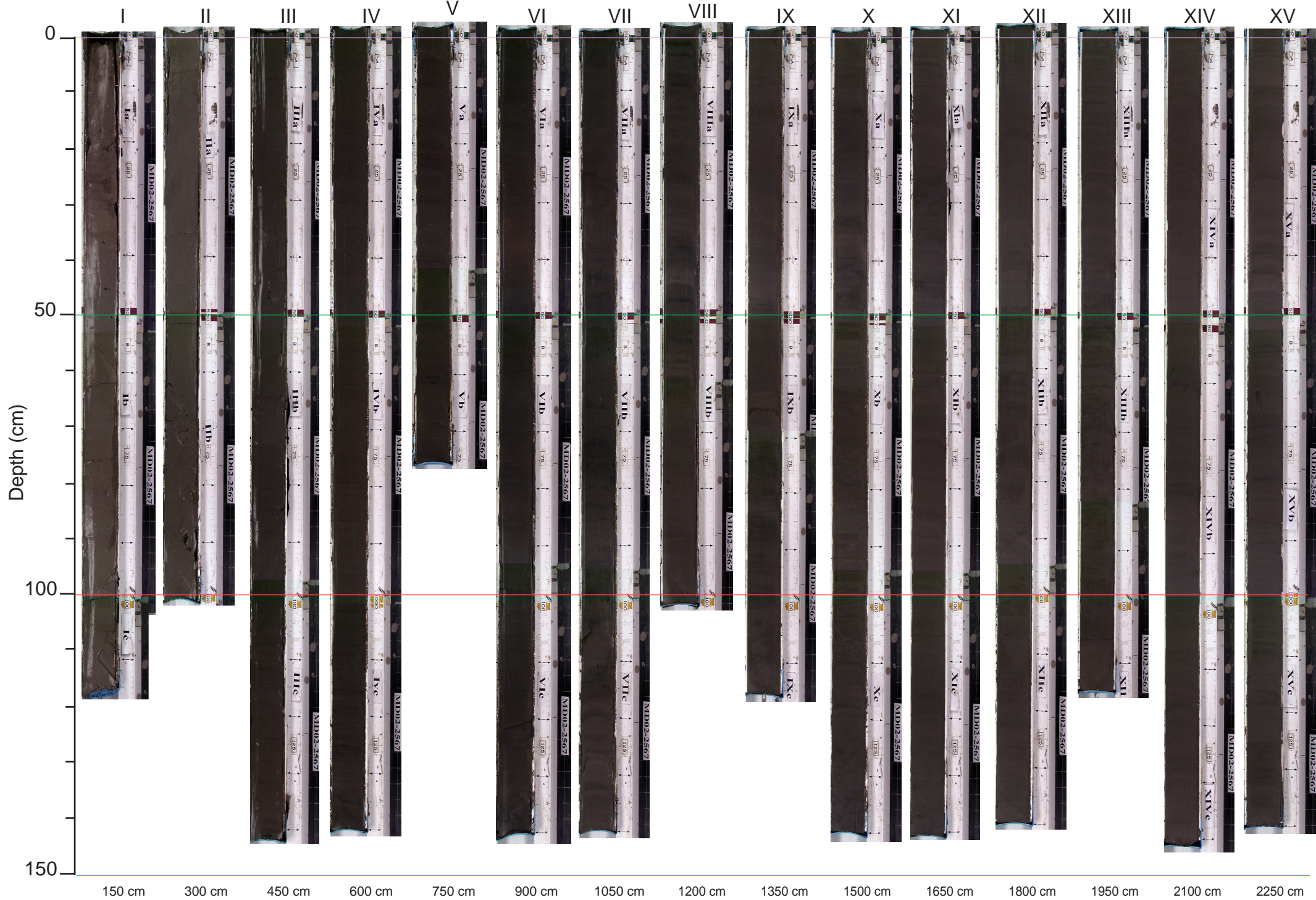
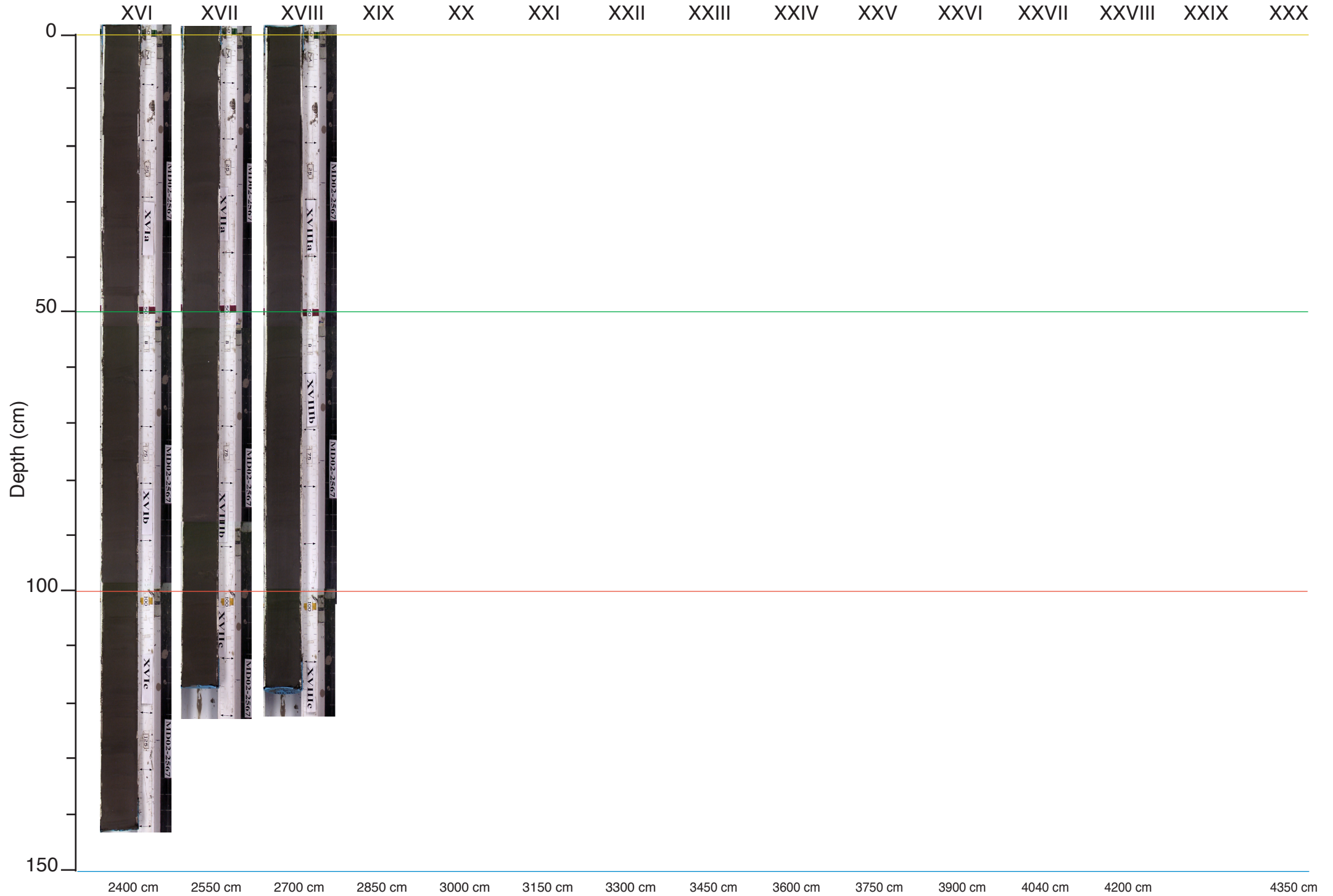


# MD02-2567 (sections I to XV)



# MD02-2567 (sections XVI to XVIII)



Day: 13/07/02  
Latitude: 28°06.01 N  
Water depth: 1318 m

GMT time: 15:17  
Longitude: 89°01.19 W  
Location: Kane Spur

Core number: **MD02-2567**

Corer type: Calypso core  
Corer length: 35.60 m  
Core length: 26.65 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 115 cm  
10 cm section were taken on each section, some more at section II, V, VIII, 25 cm sections were recovered at section I, V, IX, XIII, XVII, 15 cm sections were taken at section II, V and VIII.

*Onboard sampling and post cruise processing:*

- Two bags were recovered: 1 core top, 1 core catcher
- 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), they will be processed at MBARI, WHOI and Texas A&M University
- 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)
- The 15 cm sections were taken for Iodine analysis
- 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:* 0-1315 cm, greenish gray clay with subtle laminations. Foraminifers abundant down to 385 cm. 1315-2665 cm, layered greenish gray silty clay. Increase of bioturbation from 1850 cm. Silt layers from 1074 cm.

*Minor lithologies:* None