

Multi-Sensor Core Logger (MSCL-S)

GEOTEK MSCL-S Core logger with spectrophotometer.

Physical properties provide valuable information about the composition of marine and lacustrine sediments. The Department of Geosciences owns a GEOTEK Multi Sensor Core Logger with spectrophotometer (MSCL-S) which is used to perform measurements on whole and split cores.

The instrument is equipped with sensors that allow the measurement of density, p-wave velocity and p-wave amplitude, magnetic susceptibility (loop and point sensors) and temperature.

The core logger is also equipped with a portable Konica Minolta CM-700d spectrophotometer which measures the surface reflectance of half sediment cores with wavelengths from 400 to 700 nm without destroying the sediment surface. Munsell values are also collected.



Photo: Kai Mortensen

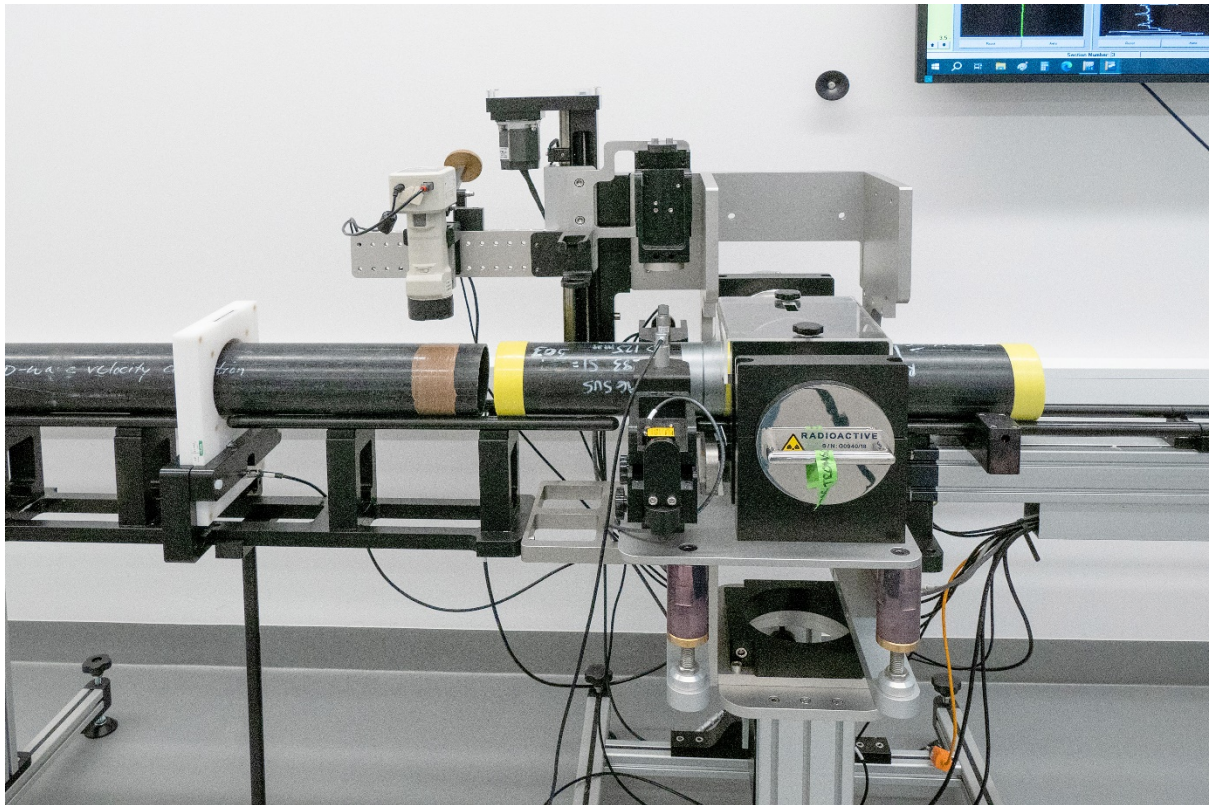


Photo: Kai Mortensen