

High-resolution continuous records of the chemical composition of the marine sediment off Cape Erimo, Hokkaido, Japan

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About 100 m sediment cores were taken from off Cape Erimo, Hokkaido, Japan on the Shallow Core Program (SCORE) by D/V Chikyu in 2017. The sedimentary sequence is intercalated with mass transport deposits caused by earthquake-triggered submarine landslides and/or climate changes. Here we report a result of high-resolution continuous geochemical composition of these cores using XRF core scanning technique.

Keywords: sediment core off Cape Erimo, XRF core scanner (ITARX), Shallow Core Program (SCORE), D/V Chikyu