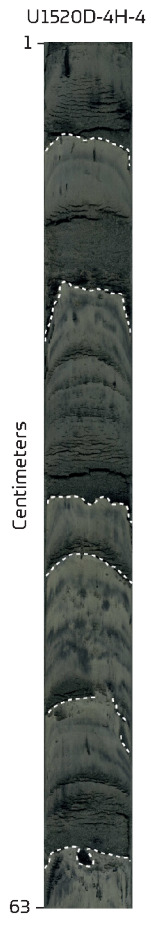
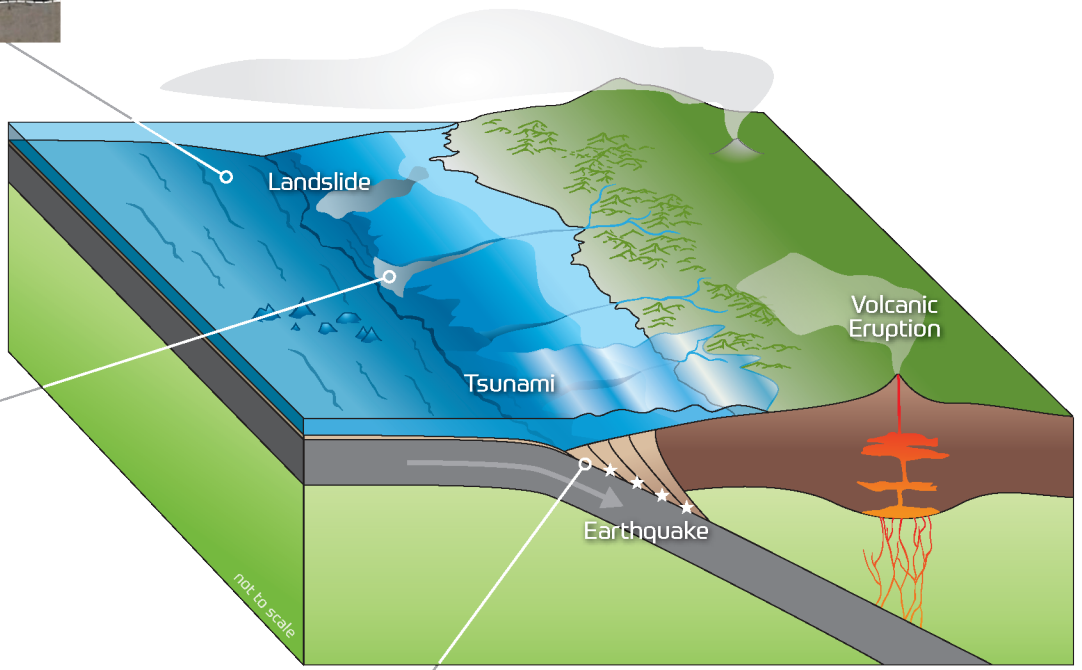
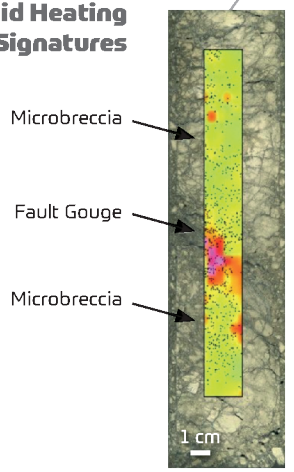


Volcanic Ash Layers



Turbidite Deposits

Fault Zone Rapid Heating Signatures



0.0 Ro (%) 1.0

Cartoon highlighting the different marine environments that generate geohazard events and examples of how scientific ocean drilling can collect important information about them, including volcanic ash layers, turbidite deposits, and vitrinite reflectance (Ro) that shows higher thermal maturity inside a fault slip zone. *Illustration by Geo Prose. Inset sources: Kutterolf et al. (2018), <https://doi.org/10.1002/2017GC007100>; Barnes et al. (2019), <https://doi.org/10.14379/iodp.proc.372B375.105.2019>; Sakaguchi et al. (2011), <https://doi.org/10.1130/G31642.1>*