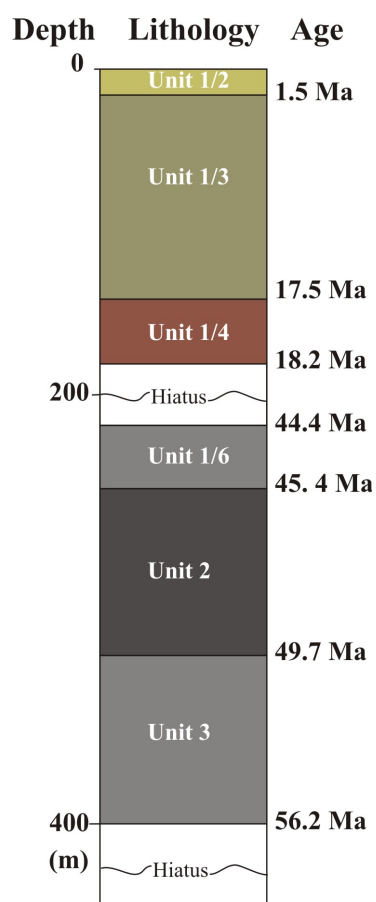


Chronologic distribution of ACEX lithological units according to Backman et al. (2008)
[Backman, J., and 13 others , 2008, Age model and core-seismic integration for the Cenozoic Arctic Coring Expedition sediments from the Lomonosov Ridge: Paleoceanography, v. 23, p. PA1S03, doi:10.1029/2007PA001476.].



The sediments of Unit 1 and Unit 3 are composed of silty clay. The lithology of Unit 2 corresponds to the mud bearing biosiliceous ooze.