Supplemental materials to:

Eocene to Oligocene Cooling and Ice growth based on the Geochemistry of Interglacial Mudstones from the East Antarctic Continental Shelf

by

Jennifer J. Light and Sandra Passchier in Antarctic Science (2023)

Supplemental Figure 1. Maps of elemental ratios in source rocks around Prydz Bay projected onto the median topography at 34 Ma of Paxman et al. (2019); A) Nb/Ta ratios; B) Sm/Zr ratios; C) Cr/V ratios; D) Al/Ti oxide wt. % ratios. Data from Munksgaard et al., 1992; Sheraton et al., 1996; Liu et al., 2007, 2014, 2016; Sanchez et al., 2021.
Supplemental Figure 2. Comparison of Site 1166 and U1360 mudstone compositions to Archean and post-Archean sedimentary rocks using the Europium anomaly and chondrite-normalized Gd_N/Yb_N ratios.

Additional references:

Liu, X., Jahn, B.M., Zhao, Y., and Zhao, G. 2007. Geochemistry and geochronology of high-grade rocks from the Grove Mountains, East Antarctica: evidence for an Early Neoproterozoic basement metamorphosed during a single Late Neoproterozoic/Cambrian tectonic cycle. Precambrian Research 158, 1, 93-118.