



Figure S1 - (A) QAP ternary diagram (after Streckeisen, 1976) showing the compositions of the Bonai TTG gneiss (Bonai equigranular suite in Sengupta et al. 1991), Bonai porphyritic granite (Bonai porphyritic suite in Sengupta et al. 1991), and Tamperkola granite. (B) A / CNK (molar $Al_2O_3 / CaO + Na_2O + K_2O$) vs. K_2O / Na_2O ratio showing the compositions of the Bonai TTG gneiss, Bonai porphyritic granite, Tamperkola granite, and Tamperkola rhyolite. Data for the Bonai suite are from Sengupta et al. (1991) and data for the Tamperkola Suite are from Bandyopadhyay et al. (2001) and Alam et al. (2022).