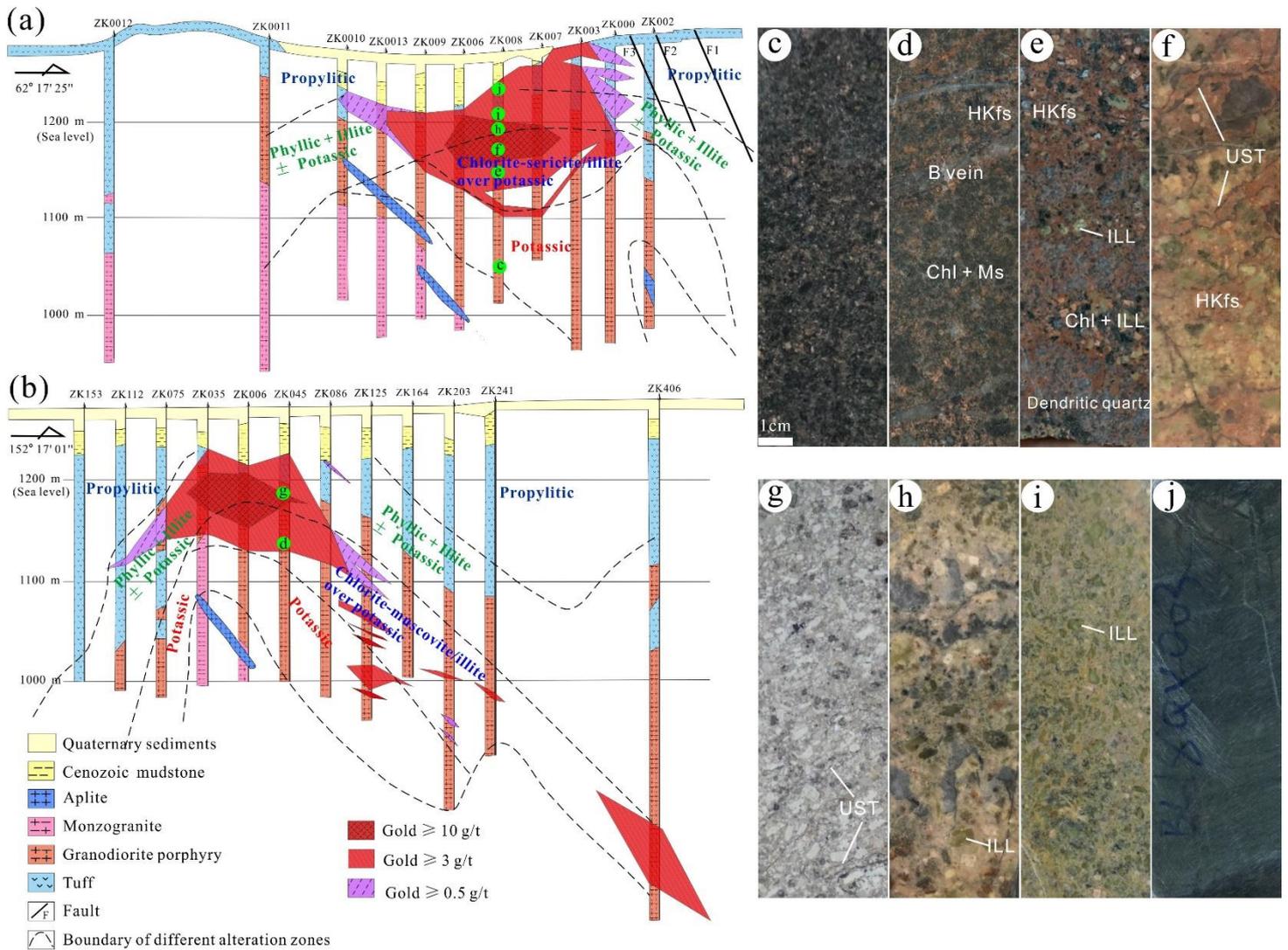


Supplementary Figure 1



Supplementary Fig. 1. Cross-sections of Belt II and photographs of hydrothermal alteration at different depths. All samples are from drill holes. (a-b) Cross-sections showing the alteration shells and Au-rich orebody in Belt II. (a) and (b) corresponding to lines AA' and BB' in Fig. 1D, respectively. (c) Biotite-K-feldspar alteration in the potassic alteration zone. (d) Hydrothermal biotite and K-feldspar overprinted by chlorite-muscovite alteration. (e) Hydrothermal K-feldspar overprinted by chlorite-illite alteration. (f) Hydrothermal K-feldspar related to the UST-bearing pluton overprinted by illite alteration. (g-h) UST-bearing rocks with phyllic alteration and illite alteration. (i) Strong illite alteration. (j) Tuff country rock with chlorite-epidote-carbonate alteration in the propylitic zone. Abbreviations: HBio = hydrothermal biotite; HKfs = hydrothermal K-feldspar; Chl = chlorite; Ms = muscovite; Q = quartz; ILL = illite.