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Paleozoic and Mesozoic large porphyry deposits in the Central Asian Orogenic**Belt: products of juvenile lower crust melting at most thinner arcs**Ping Shen^{a,b,c*}, Hongdi Pan^d, Keiko Hattori^e, David R Cooke^f, EleonoraSeitmuratova^g

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Abstract

The Central Asian Orogenic Belt (CAOB) or Altaids contains several large porphyry Cu(-Au-Mo) and Au(-Cu) deposits. These deposits are genetically associated with equigranular and porphyritic tonalite, granodiorite and diorite. Secondary ion

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