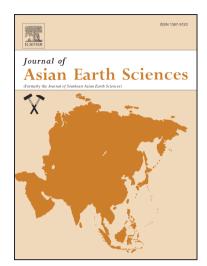
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ACCEPTED MANUSCRIPT

Compositional and isotopic heterogeneities in the Neo-Tethyan upper mantle recorded by coexisting Al-rich and Cr-rich chromitites in the Purang peridotite massif, SW Tibet (China)

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Abstract

The Purang harzburgite massif in SW Tibet (China) hosts abundant chrome ore deposits. Ores consist of 20 to > 95% modal chromian spinel (Cr-spinel) with mylonitic fabric in imbricate shaped pods. The composition of Cr-spinel in these ores ranges from Al-rich [Cr#_{*sp*} or Cr/(Cr + Al) × 100 = 47.60-57.56] to Cr-rich (Cr#_{*sp*}: 62.55-79.57). Bulk platinum-group element (PGE) contents of chromitites are also Download English Version:

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