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A 1.88 Ga giant radiating mafic dyke swarm across Southern India and Western Australia

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1 **A 1.88 Ga giant radiating mafic dyke swarm across Southern India and**
2 **Western Australia**

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15
16 **Abstract**

17 Baddeleyite from a mafic dyke near Bhanupratappur of the central Bastar Craton (India) yielded
18 a weighted-mean ²⁰⁷Pb/²⁰⁶Pb age of 1882.4 ± 1.5 Ma. The dykes are tholeiitic and have variable
19 Mg# (41 to 60), TiO₂ (0.83 to 1.74 wt%) and low CaO (< 10.9 wt%) indicating they are not
20 representative of primary melts and differentiated prior to or during emplacement. Petrological

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