Possible Source of Diamonds in Krishna Gravel

Chalapathi Rao and others report carbonate xenolith hosted by the Mesoproterozoic Siddanpalli Kimberlite cluster, Raichur Kimberlite field, Dharwar craton, South India. They propose a connections between Bhima and Kurnool (Palnad) Proterozoic Basins and argue for new Mesoproterozoic age relating it to possible mantle plume related doming around 1.1 Ga. The deep erosion of the Raichur Kimberlite field is pointed out as a possible source of diamonds in the Krishna gravel.