



Photograph of the Month: Positive flower structure in the Archean granite gneiss of southern India, India



Photograph of flower structure in outcrop. ©Achyuta Ayan Misra.

Positive flower structure indicative of a transpression zone within a Precambrian sequence of quartzite (white) and basalt (black) in the Archean granite gneiss of southern India. Two dolerite dykes orthogonal to the foliation in the quartzite are visible at the lower left hand side of the outcrop. This type of structure is typical for the shear zones that intersect this area. The section is exposed in a vertical (E–W) face within an abandoned quarry near village of Chillamancheru near Rajupalem, Andhra Pradesh, India. Width of view is about 80 m. Location: N 14°00.75', E 79°50.23'.

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11 October 2008
Available online 21 April 2009