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Editorial Photograph of the Month



Photograph Ben Goscombe, Adelaide (ben.goscombe@adelaide.edu.au). ©Ben Goscombe.

Shortened boudin train in layered carbonate from the Ugab domain, at the junction between the Kaoko Belt and Damara Belt, Namibia. A reworked boudin train that illustrates a reversal of the rheological contrast as the rock mass evolves through two deformation events. Stage 1: dark carbonate layer was initially torn boudinaged with calcite vein infill in the inter-boudin space. Stage 2: subsequent shortening along the length of the boudin train resulted in internal ductile deformation of the dark carbonate boudin blocks. Note extreme barrelling of the boudin block by marked ductile shortening of the block with concomitant increase in layer width, resulting in convex boudin surfaces and concave boudin faces. In contrast, the calcite vein inter-boudin infill behaved more competently and was not appreciably deformed during stage 2 shortening. Width of the original boudinaged layer is better estimated from the width

of the calcite vein infill than the shortened and thickened boudin blocks.

Field of view is 20 cm in length. Boudin nomenclature after Goscombe et al. (2004).

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