

Brushlines in fault pseudotachyites: A new criterion for coseismic slip direction

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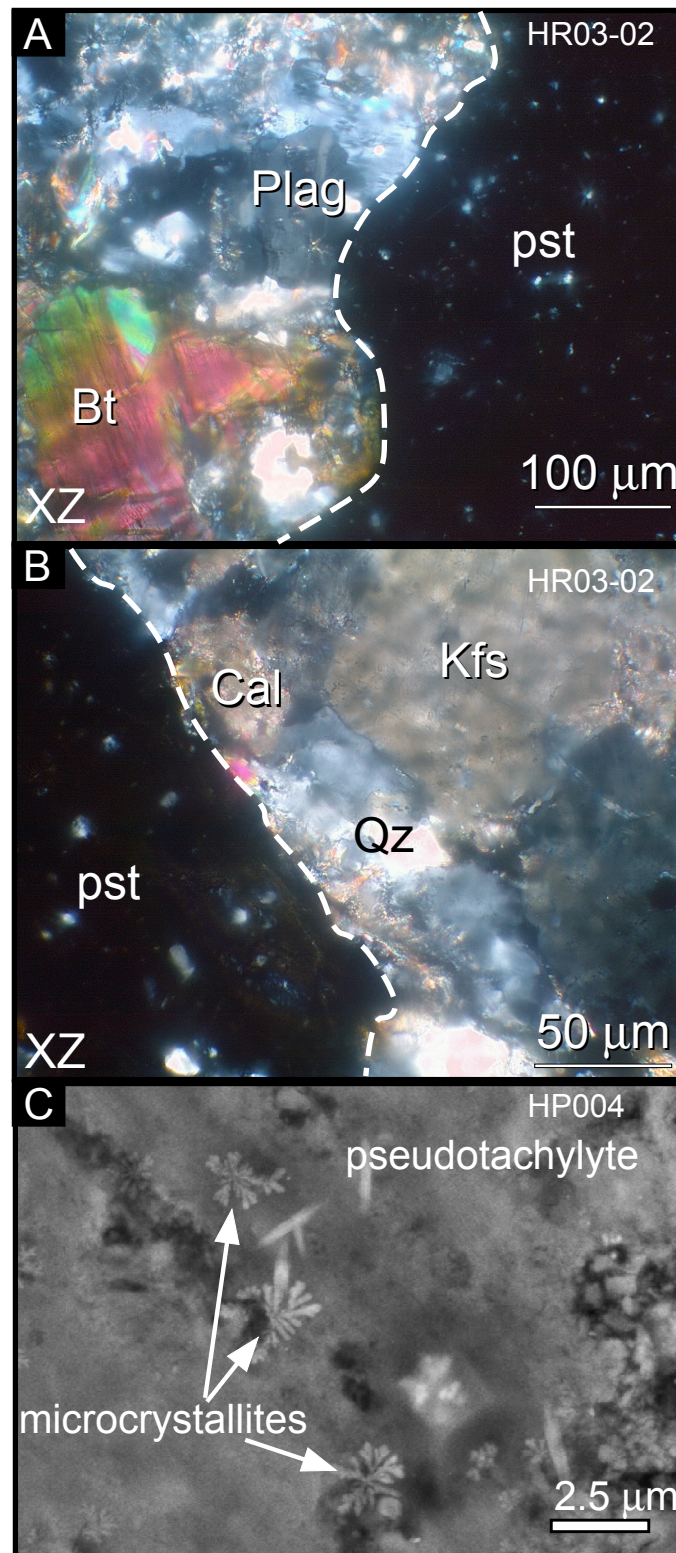


Figure DR1. A: The microstructures in the gneiss do not display any change towards the contact (XPL). Plagioclase does not show mechanical twins. B: Contact between pseudotachyite generation vein and mylonitic gneiss host-rock. The microstructures in the gneiss do not display any change towards the contact (XPL). Calcite and feldspar do not show mechanical twins. C: Back-scattered electron microscopy image of a representative sample of Hoping River pseudotachyites. The plagioclase snow flake-shaped microcrystallites attest of frictional melt rapid quenching.