

***Interactive comment on “Strain localization in brittle-ductile shear zones: fluid abundant vs fluid limited conditions (an example from Wyangala area, Australia)” by L. Spruzeniece and S. Piazzolo***

**L. Menegon (Editor)**

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Dear Authors,

Please do not hesitate to address the reviewers' comments. I agree with the reviewers that your manuscript is in an excellent state and that only minor modifications and additions are required. In particular, I agree with both reviewers that the increased quartz content in the phyllonite is an intriguing feature that deserves a little more attention and possibly a more detailed discussion on its origin. On page 1426 line 3-6 you refer to an increase in quartz grain size due to continuous precipitation in cavities. However, if cavities are dispersed in a polyphase matrix, grain growth is expected to be suppressed

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by second-phase pinning. Perhaps CL analysis might be an option to verify if there are sequential growth stages in quartz. Kind regards,

Luca Menegon

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Interactive comment on Solid Earth Discuss., 7, 1399, 2015.