

***Interactive comment on* “The role of pre-existing jointing on damage zone evolution and faulting style of thin competent layers in mechanically stratified sequences: a case study from the Limestone Coal Formation at Spireslack Surface Coal Mine” by Billy J. Andrews et al.**

**Billy J. Andrews et al.**

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Dear David Sanderson,

We would like to thank you for your in depth review of our manuscript ‘The role of pre-existing jointing on damage zone evolution and faulting style of thin competent layers in mechanically stratified sequences: a case study from the Limestone Coal Formation at Spireslack Surface Coal Mine’. Please find attached our response to your comments as

well as the response to reviewer #2. The suggestions and comments have helped us greatly improve the structure and clarity of our work and we hope that the restructure of the manuscript now means it can be accepted for publication in Solid Earth. In particular we would like to thank you for pointing out the requirement for a robust order of events, something that we agree was lacking and has greatly improved the relevance of this contribution.

Many thanks, Billy J Andrews

Please also note the supplement to this comment:

<https://se.copernicus.org/preprints/se-2019-202/se-2019-202-AC1-supplement.pdf>

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-202>, 2020.

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Discussion paper

