

Solid Earth Discuss., community comment CC1  
<https://doi.org/10.5194/se-2021-100-CC1>, 2021  
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## **Comment on se-2021-100**

Bill Lanyon

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Community comment on "De-risking the energy transition by quantifying the uncertainties in fault stability" by David Healy and Stephen Paul Hicks, Solid Earth Discuss.,  
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### **Fault plane properties for United Downs case**

The cohesion and frictional properties used describe the strength of intact rock specimens (from Elliott 1984). It seems very unlikely that a fault / fracture plane would have significant cohesion. Wouldn't it be more reasonable to assume only frictional strength for fault planes?