Earth Syst. Sci. Data Discuss., referee comment RC1
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Comment on essd-2022-143

David Tanner (Referee)

Referee comment on "High-resolution digital outcrop model of the faults, fractures, and stratigraphy of the Agardhfjellet Formation cap rock shales at Konusdalen West, central Spitsbergen" by Peter Betlem et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-143-RC1, 2022

This is a good, well-written paper. Importantly:

- The article is itself appropriate to support the publication of the data set.
- The data set is truly significant – unique, useful, and complete.
- The data set is of a high quality.

I make the following minor points:

- The title is a bit misleading. It's not just a DOM of faults and fractures, but also stratigraphic units. Please adjust accordingly.
- It is tantalising to see a small portion of the orthomosaic and the fractures within. There should be a figure of just faults/and fractures, without stratigraphic units.
- Some handmade strike and dip of fractures are given in Table C1. Why not produce a stereonet figure, with measurements made in the field and measurements made in the DOM?
- Line 72-75. Please revise the last line of this paragraph, as it is it doesn't make sense. Make it in to two sentences.

David Tanner