

Author response to editor's comments on "Observed and modeled moulin heads in the Pâkitsoq region of Greenland suggest subglacial channel network effects"

We thank the editor for their comments and support during the review process of this paper.

The authors' replies are in bold blue

Editor's comment:

Thank you for your thorough responses to suggested changes to the paper. I am satisfied that the reframed argument and justification of the assumptions made is sufficiently clear to warrant publication. I make two final suggestions:

1. Move Figure 10 higher up the discussion to aid interpretation of the text.

We moved the figure higher up in the discussion.

2. Basal melt rates: there is a more recent article published by Karlsson et al. 2021 (<https://www.nature.com/articles/s41467-021-23739-z>) that discusses basal melt rates and potential melt fluxes. It could be a worthwhile addition to the basal melt discussion section.

We added Karlsson et al. 2021 recent results on basal melt to the discussion (L535-538).

We also had a couple small lingering co-author edits in the abstract that I incorporated for that last version.