

16 December 2025

Dear Irina Rogozhina,

Thank you again for taking over the handling of our manuscript and the invitation to resubmit it after major revisions. We have carefully taken all comments by the two reviewers into consideration and incorporated the changes as outlined in the replies. In addition to the revised version which we had submitted on 8 July 2025, we have added a contextualization of borehole measurements in the Introduction, and have extended the Discussion to include very recent works related to our article.

Please see the track-change version as well as the previous replies for the point-by-point responses and all changes made to the manuscript.

We look forward to your decision and the potential publication of our article in CP.

Kind regards,

Jan Nitzbon (on behalf of all authors)