

Biogeosciences Discuss., author comment AC2  
<https://doi.org/10.5194/bg-2021-39-AC2>, 2021  
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## Reply on RC1

Stuart A. Vyse et al.

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Author comment on "Sediment and carbon accumulation in a glacial lake in Chukotka (Arctic Siberia) during the Late Pleistocene and Holocene: combining hydroacoustic profiling and down-core analyses" by Stuart A. Vyse et al., Biogeosciences Discuss., <https://doi.org/10.5194/bg-2021-39-AC2>, 2021

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Dear anonymous reviewer,

Thank you very much for your review of our manuscript entitled "Sediment and carbon accumulation in a glacial lake in Chukotka (Arctic Siberia) during the Late Pleistocene and Holocene: Combining hydroacoustic profiling and down-core analyses". We really appreciate your contribution to helping us to improve our manuscript with helpful suggestions and comments, especially during this difficult time of the ongoing global pandemic. We are happy that you found our diverse, multi-proxy approach interesting and we hope that it will form a useful basis for future studies. In the attached .pdf file (see supplement), we provide our replies to each individual comment and provide our proposed alterations, changes, and adjustments to the manuscript that will be carried out and shown within the future revised manuscript version. As such your comments are highlighted in black and italicized and our replies are highlighted in blue. We sincerely hope that you are satisfied with our replies and our proposed changes.

Thank you once again for reviewing our manuscript,

On behalf of all the authors,

Stuart Andrew Vyse

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2021-39/bg-2021-39-AC2-supplement.pdf>