



EGUsphere, author comment AC1  
<https://doi.org/10.5194/egusphere-2022-65-AC1>, 2022  
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## **Reply on CC1**

Cordula Nina Gutekunst et al.

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Author comment on "Effects of brackish water inflow on methane-cycling microbial communities in a freshwater rewetted coastal fen" by Cordula Nina Gutekunst et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-65-AC1>, 2022

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Hi Emilia,

Thank you so much for your comment and your interest. Yes, cores were taken from 0-50 cm, which relates to the length of the russian peat corer that we used. After the core was taken, we separated the core into the following depth sections and took soil for DNA extraction from each of them: 5-20, 20-40 and 40-50 cm. From these depth sections, the soil was well mixed, yes :)