

Interactive comment on “Using ground-penetrating radar, topography and classification of vegetation to model the sediment and active layer thickness in a periglacial lake catchment, Western Greenland” by Johannes Petrone et al.

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Comment: “The manuscript is of overall good quality, perhaps some more detailed maps could be added in order of a more complete description of the study sites.”

Answer: We thank the Referee for taking the time to read through and assess the paper. We believe the number of maps is sufficient. In Figure 1 the location of Kangerlussuaq both globally and regionally is illustrated as well as the location of the site

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and catchment (Two Boat Lake). Figure 3A and Figure 3B shows detailed maps of vegetation and surface soil classifications. Maps of modelled active layer depth and sediments within the catchment are also presented in the paper.

Manuscript changes: -

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