

Dear Editor Podolskiy,

We are pleased to hear that you think our manuscript “*Geophysical constraints on the properties of a subglacial lake in northwest Greenland*” worthy of publication in *The Cryosphere*, and we thank you for your fine attention to detail in the latest round of revisions. Below, we briefly review your comments (in blue), and note the changes that we have made.

1) "Labels of panels must be included with brackets around letters being lower case (e.g. (a), (b), etc.)." Now they are all shown without brackets and in upper case. This applies to all captions and the main text.

All figure labels in the main text and supplementary information have been changed to use lowercase letters with brackets.

2) "Units must be written exponentially" like in the main text, but now Figs. 3c, the insets in 5b & c, and 6 are using "/".

We apologise for overlooking this formatting issue in previous revisions. All units are now written in exponential format, both in figures and in the text.

3) "Capitalization: only the first word is capitalized in headers". Now formatting of axis labels is inconsistent, e.g., Figs. 1-5 have no capitalizing at all or Fig. 3c capitalizes both words (Relative Power).

All section headers and figure axis labels now follow the convention of having the first word capitalized.

[Data and Code availability]

"Authors are required to provide a statement on how their underlying research data can be accessed. This must be placed as the section "Data availability" at the end of the manuscript."

We have added sections that describe the data and code availability. For now, we have written that all data is available by contacting the corresponding author. However, we are working on getting a DOI for our dataset either through the IRIS DMC or using the Digital Repository at the University of Maryland (DRUM). We request that in order to not delay advancing this paper towards publication, that the DOI be added at a later date, such as during the proof correction of the article.

Additionally, we have added a thorough statement on author contributions, roughly following the CREDIT guidelines.

Fig. S2a caption

-> please, indicate the source/reference of the density profile at DYE-3 used in this figure.

The reference Gundestrup & Hansen (1984) has been added.

2. Polarity analysis

Please add a reference to the statement of the first sentence.

The reference Muto et al. (2019) has been added.

(Fig 4) -> (Fig. 4)

The correction has been made.

Fig. S4 caption -

"B and C respectively" -> please, place a comma before 'respectively'.

The correction has been made.

3. Thermal Modeling,

-> Thermal modeling

The correction has been made.

point 3:

"We could however, we can estimate the effect"
-> We could, however, estimate the effect"

The correction has been made.

[Patankar, 1980] is not shown in the reference list.

We have added Patankar (1980) to the references. It is now in both the references of the main text and the supplementary.

4. Hydraulic Head Estimates
-> Hydraulic head estimates

The correction has been made.

In this section, references are made to Fig. S4, but should be to Fig. S5.

The figure references are now correct.