Dear Editors,

Enclosed please find the revised article “**‘Depths in a day — A new era of rapid-response Raman-based barometry using fluid inclusions " (ID JPET-Apr-24-0074)** submitted to Journal of Petrology along with all supporting information for consideration as an original paper. We appreciate the editor’s comments and have done our best to consider them.

The editor requested that figures be resized throughout, that headings of the supplementary data be better described, and that analytical uncertainties be added for the EPMA data. Accordingly, we have resized all figures, increased font and general plot feature sizes to match the journal guidelines. The attached eps files should all be correct. We have added a description row for the headings in the supplementary dataset and organized the dataset more clearly. Lastly, the EPMA glass data used in this paper has now been published on ScienceBase (<https://doi.org/10.5066/P1XFKKYH>) and includes all analytical uncertainties requested by the editor. Therefore, we have opted to cite the data release and remove the additional tab in the supplementary data. Given that the data release includes the description of analytical methods as well, we have also removed that section from supplementary methods and simply cite the data when appropriate.

Thank you for your consideration,

Dr. Charlotte LJ Devitre and Dr. Penny Wieser