

Review of the revised version of Cunningham et al. "Attenuation of beta radiation in granular matrices: implications for trapped-charge dating" submitted to the Journal Geochronology

The authors have submitted a revised version of the manuscript, in which they have implemented most of my comments, in the few cases, where changes were not made, satisfactory explanations were given. The changes made to the figures and the text make the manuscript easier to read and to follow. I also like the revised section 5, which now includes the effect of water in the pores. This is particularly important, as in dating applications most sediments will contain some degree of pore water, which influences the dose rate attenuation.

Whilst reading the revised version, I spotted some minor typographical errors, which I address below. However, I recommend the manuscript for publication in Geochronology.

Page 2, line 53: Shouldn't the word "both" be deleted here?

Page 3, line 64: Maybe the authors wish to briefly address section 5 and 6, after they already mentioned the other sections?

Page 14, line 321: It should read "pore water".