

Interactive comment on “Experimental study on the electrical conductivity of quartz andesite at high temperature and high pressure: evidence of grain boundary transport” by K. S. Hui et al.

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1. The standard of English is too poor for it to be possible to review this manuscript without making assumptions as to the meaning of many sentences. The manuscript needs to be rewritten in standard English and resubmitted before any meaningful review of the content can be carried out.
2. The description of the experimental methods is far too rudimentary. Although the experimental platforms and methods may have been described in previous publications sufficient detail needs to be included in this manuscript so that readers can understand the work carried out without having to read other publications.

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3. Figure 2. The model does not fit the data very well. There needs to be some discussion of this.
4. Figure 7. The linear fit does not match the data at all. Why is this. Only the 1GPa data is plotted. The 0.5, 1.5 and 2GPa data should be plotted as well.
5. Table 2. What are the estimated errors in the conductivities?

Interactive comment on Solid Earth Discuss., 7, 1555, 2015.