

Interactive comment on “Crustal heat flow measurements in western Anatolia from borehole equilibrium temperatures” by K. Erkan

C. Juhlin (Editor)

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Dear Dr. Erkan,

The 3 reviewers have highlighted some critical points that need to be addressed in your MS. All three state that you need to make it clear that the heat flow values you report are from shallow boreholes and may not represent true heat flow. A critical point is not only the use of shallow boreholes for the study, but how you handle the errors in the heat-flow values. Individual errors of the heat-flow values (including errors in the assignment of thermal conductivity) should be calculated instead of using the outdated classification scheme originally published by Blackwell. However, they also think that your work could be the start of a more extensive and comprehensive heat flow study in western Anatolia. Therefore, I recommend that you submit a revised manuscript

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where you take all the comments of the reviewers into account. You should also submit a document where you state how you have addressed the reviewers comments on a point by point basis in the new MS. Your revised manuscript will be forwarded to the reviewers for further review.

C. Juhlin, Topical Editor, Uppsala University

Interactive comment on Solid Earth Discuss., 6, 403, 2014.