

***Interactive comment on “Application of Fourier Transform Infrared Spectroscopy (FTIR) for assessing biogenic silica sample purity in geochemical analyses and palaeoenvironmental research” by G. E. A. Swann and S. V. Patwardhan***

**T. Kiefer (Editor)**

kiefer@pages.unibe.ch

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Dear George and Dr. Patwardhan,

your manuscript has received two very constructive reviews. Both are generally positive about the approach and implications of your new opal screening method and would like to see it published eventually. At the same time, both referees ask for a number of substantial clarifications and suggest several improvements.

I would ask you to reply to all points raised by the referees in an Author Comment and

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revise your manuscript accordingly.

Referee 1 suggests additions that could involve some additional analysis. If you require more time to address these suggestions appropriately and incorporate them into the revision, please let me know. We can then adapt the deadlines accordingly.

Given that the comments are substantial and specific, I will ask the referees to review also the revised version of the manuscript.

I look forward to your reply to the referee comments and the revised manuscript.

Kind regards,

Thorsten Kiefer

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Interactive comment on Clim. Past Discuss., 6, 1629, 2010.