

***Interactive comment on “Direct linking of
Greenland and Antarctic ice cores at the Toba
eruption (74 kyr BP)” by A. Svensson et al.***

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Dear Gourihar Kulkarni,

Thank you for your comment. We are certainly well aware that volcanic ash particles have different characteristics from that of the background continental dust in ice cores. The present study is not concerned with analysis of ash particles as no ash from the Toba eruption has been identified in polar ice cores so far.

For an overview of volcanic ash particles in Greenland ice cores I recommend the following recent reference: Abbott and Davies, Volcanism and the Greenland ice-cores: the tephra record, Earth-Science Reviews, 115 (2012) 173–191.

Best regards Anders Svensson

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Interactive comment on Clim. Past Discuss., 8, 5389, 2012.