



12-September, 2012

To: South African Heritage Resources Agency Representative

From: Adam Huttenlocker
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I am writing with the permission of Johann Neveling, Council for Geosciences (CGS), to request permission for histological preparation of a fossil bone fragment from the CGS palaeontological collections (specimen no. R300), to be conducted in a fully-equipped paleohistology lab at my home institution in Seattle, Washington, USA. This work is in fulfillment of my PhD project on the long bone histology and growth patterns of Karoo therapsid 'mammal-like reptiles.' The bone comes from a partial skeleton lacking locality data and much useful diagnostic information, although it likely belongs to a species of Karoo therapsid, *Theriongnathus*, an animal that is underrepresented in my current sampling. However, given the special equipment and time-intensive procedures required for histological processing as well as post-processing photography and analysis, it is essential that I am able to work with the specimen at my home institution in Seattle. Finally, I confirm that the specimen will be returned to the CGS within one year of the initial loan date.

I hope you will consider my request. Please contact me if you require additional information: huttenla@uw.edu

Kind regards,

Adam K. Huttenlocker, University of Washington, Seattle

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