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Dear Chief Editor and Editorial Committee

As corresponding author I am pleased to submit you our complete manuscript entitled “**Thermal and Magnetic Context of Central Brazil Structures: A study of magnetic lineaments in the central Trans-Brazilian Lineament (TBL) and adjacent regions**”, for its consideration as paper in *JGR-Solid Earth*.

This paper would not have materializes without the contributions of Dr. Fábio Pinto Vieira and Dr. Valiya M. Hamza, both at the National Observatory in Rio de Janeiro.

This paper presents results of thermomagnetic analysis in the central region of Transbrazilian Lineament on the Tocantins Provinces and in the cratonic region (Western part of São Francisco Cráton). This analysis made it possible considerations about the thermal context of formation the structural lineaments in surface and the magnetic lineaments in subsurface.

We made a special attention in keeping the correct style and format for JGR. We have no conflicts of interest to disclose. We thus hope you will find our submission acceptable for publication and take this opportunity to thank you for your considerations of this manuscript and the invitation from editorial committee to publication this work that in your resumed form initially was sent to international congress as expanded summary. We remain available for any suggestions you or the reviewers might have.

Yours sincerely,



Dra. Suze Nei Pereira Guimaraes