

13th December 2017

Dear Sir/Madam,

I would like to submit with Dr. Adrian R. Muxworthy, Prof. Wyn Williams, Dr. Pádraig Ó Conbhúí, Dr. Lesleis Nagy, Prof. Andrew P. Roberts and Dr. David Heslop a paper entitled “Magnetic vortex effects on first-order reversal curve (FORC) diagrams for greigite dispersions” to the journal *Earth and Planetary Science Letters*.

We have provided a manuscript including low-resolution figures in order to keep the file size under 10 MB. Higher-resolution images intended for publication are also provided.

Yours sincerely,



Miguel A. Valdez Grijalva