

Department of Earth Science and Engineering
Imperial College London
South Kensington Campus
SW7 2AZ
London, UK
m.valdez-grijalva13@imperial.ac.uk
Miguel A. Valdez Grijalva, M.Sc. (Hons.)

31st May 2017

Dear Sir/Madam,

I would like to submit with Dr. Lesleis Nagy, Dr. Adrian R. Muxworthy, Prof. Wyn Williams and Dr. Karl Fabian a paper entitled "The magnetic structure and recording fidelity of sub-micron greigite ( $Fe_3S_4$ )" 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. These, higher-resolution images intended for publication and Video 1 are also provided.

Yours sincerely,

Miguel A. Valdez Grijalva

migul dugel.