**Resubmission of Revised Manuscript**

Dear Editor,

Following up with our communication, we are pleased to be allowed the opportunity to re-submit a revised manuscript which incorporates improvements to address the issues raised through the peer review process.

While the outcome of our previous submission is regrettable, we very much appreciate the reviews you enclosed in your response letter; they are very constructive and indeed helped us to improve the manuscript.

Regarding Reviewer 1’s feedback, we believe that there has been an issue of misinterpretation; in particular, our work focuses on fractured porous media while the reviewer drew many concepts from research in fractured but impermeable media. This confusion is likely a result of our inadequate delineation of the work done from previous research. As such, the manuscript has been updated to provide a more substantial introduction section, along with more details on our methodology.

With respect to Reviewer 2’s feedback, we are happy that he/she provided an accurate summary of our work, implying that he/she fully understood our work. We are also satisfied that he/she gave approval to publish the previous manuscript as it was; this was a positive acknowledgment of our work’s impact.

We hope that with the updated manuscript, you will re-consider our work for publication.

Best Regards,

Daniel