

Dear editor,

Thank you for your interest and handling our manuscript. We have not added the full track-changed manuscript at the end of this file, since there are just three minor comments.

** Comment 3 of the reviewer (P3L1-P3L3...): One could reconsider the word "to show". If I understand the comment of the reviewer correctly, he means that one could see the use of the Ghyphen-Herzberg relation as a contradiction to your work, as you conclude that steady state solutions are not sufficient. An alternative would be "to demonstrate" or something else a bit weaker.*

We have followed your suggestion and changed "to show" to "to demonstrate".

** Comment 5 of the reviewer (P8L2...), 'to the symmetrical shape in stress period 6': Symmetrical shape of what?*

Good point, we have changed this to "to the symmetrical shape of the delta in stress period 6"

** Comment 12 of the reviewer (P14L6...): As a suggestion, you could write "insignificant compared to the cases with clay" or something like this. An insignificant hydraulic conductivity as such would strictly speaking lead to free flow (if it is meant in the way that the resistance is insignificant), as one could interpret it in the way that there is no resistance.*

Good point. We have adapted the subclause "due to a lack of clay layers" to "compared to the scenarios with clay" and changed the word "insignificant" to "less".