

1) Both maps a) and b) in Figure 1 need coordinates.

=> Coordinates were added

2) The map in Figure 1B is difficult to read, because the colors in the map are very different to the colors in the legend. The reason for this is, that the authors drape in the map transparent colors over a hill shade relief but use non-transparent colors in the legend. I suggest to cut out a rectangle of the hill shade and also display it below transparent colors in the legend.

=> we removed the hill shade relief

3) The documentation of the important sample location is really poor. Figure 2 caption must give GPS coordinates of sample locations R1, R2 and R3 and Figure 2 B and C need orientations indicated.

⇒ we document the GPS coordinates of the cleft sample (R1) in the legend. Positions of samples taken 30m and 100m away from the clefts are also indicated in the legend

⇒ Orientations were added on Fig 2b and Fig. 2c