

## Comments on tc-2022-138-Revised-Version

After revision, the manuscript has been sufficiently improved with minor corrections need to be confirmed.

(1) Line 2: In the response to reviewers, the sentence is “*Profiles from only 25 boreholes (32%) previously available in open-access data repositories*”, while it is “*Profiles from only 31 boreholes (36%) were previously available in open-access data repositories*” in the revised manuscript. The value should be 31, is it right?

(2) Line 26: In the response to reviewers, the word “down” has been deleted, however, it was kept in the revised manuscript.

(3) Line 284: Change “each” to “reach”.