Reply on CC1
Francesco Bucci et al.

Author comment on "A new digital lithological map of Italy at the 1:100 000 scale for
geomechanical modelling" by Francesco Bucci et al., Earth Syst. Sci. Data Discuss.,
https://doi.org/10.5194/essd-2022-26-AC1, 2022

This comment was already responded to by the First Author as a Community Comment:

We thank Giovanni Forte for the appreciation of our work.

Indeed, we expect that sharing this geolithological dataset on a national scale will trigger
a growing number of studies exploring the lithological control on several natural
phenomena.

In this work, lithotypes have been differentiated basing on their expected geo-mechanical
properties in relation to slope stability. Despite the specific purpose, the map and the
associated database can be easily enhanced/reclassified using different or additional
criteria and thus can be relevant to a wide range of studies.