

# Lowlands fluvial sedimentation enlightens glacial dynamics in narrow valleys during the Last Glacial Maximum (Venetian Forealps, Italy)

Sandro Rossato<sup>1</sup>, Anna Carraro<sup>2</sup>, Giovanni Monegato<sup>2</sup>, Paolo Mozzi<sup>1</sup>, Fabio Tateo<sup>2</sup>

<sup>1</sup>Department of Geosciences, University of Padova, 35131, Italy

5 <sup>2</sup>Institute of Geosciences and Earth Resources (IGG) – National Research Council (CNR), Padova, 35131, Italy

*Correspondence to:* Sandro Rossato (sandro.rossato@unipd.it)

## Supplementary material - captions

10 SFigure 1: Feldspars/quartz ratio in RB1 and PM1 cores (bulk sediments). This mineralogical parameter is useful to highlight peculiar compositional features of petrofacies A, B and C.

STable 1: Results of mineralogical and geochemical analyses of RB1 and PM1 cores.