



Figure S1 a Columnar jointing in meta-basalt within the Neyshabur thrust sheet, Darud village. b Meta-rhyolite (sample GA-1) with porphyritic exture: pink crystals are alkali feldspar, plagioclase is greyish-white, Grine village. c Porphyritic exture dominated by plagioclase phenocrysts in meta-basalt. d Amygdaloidal basalt, amygdales filled with calcite, chlorite, epidote, and quartz.