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Very-low-grade phyllosilicates in the Aravis massif (Haute-Savoie, France) and the di-trioctahedral substitution in chlorite

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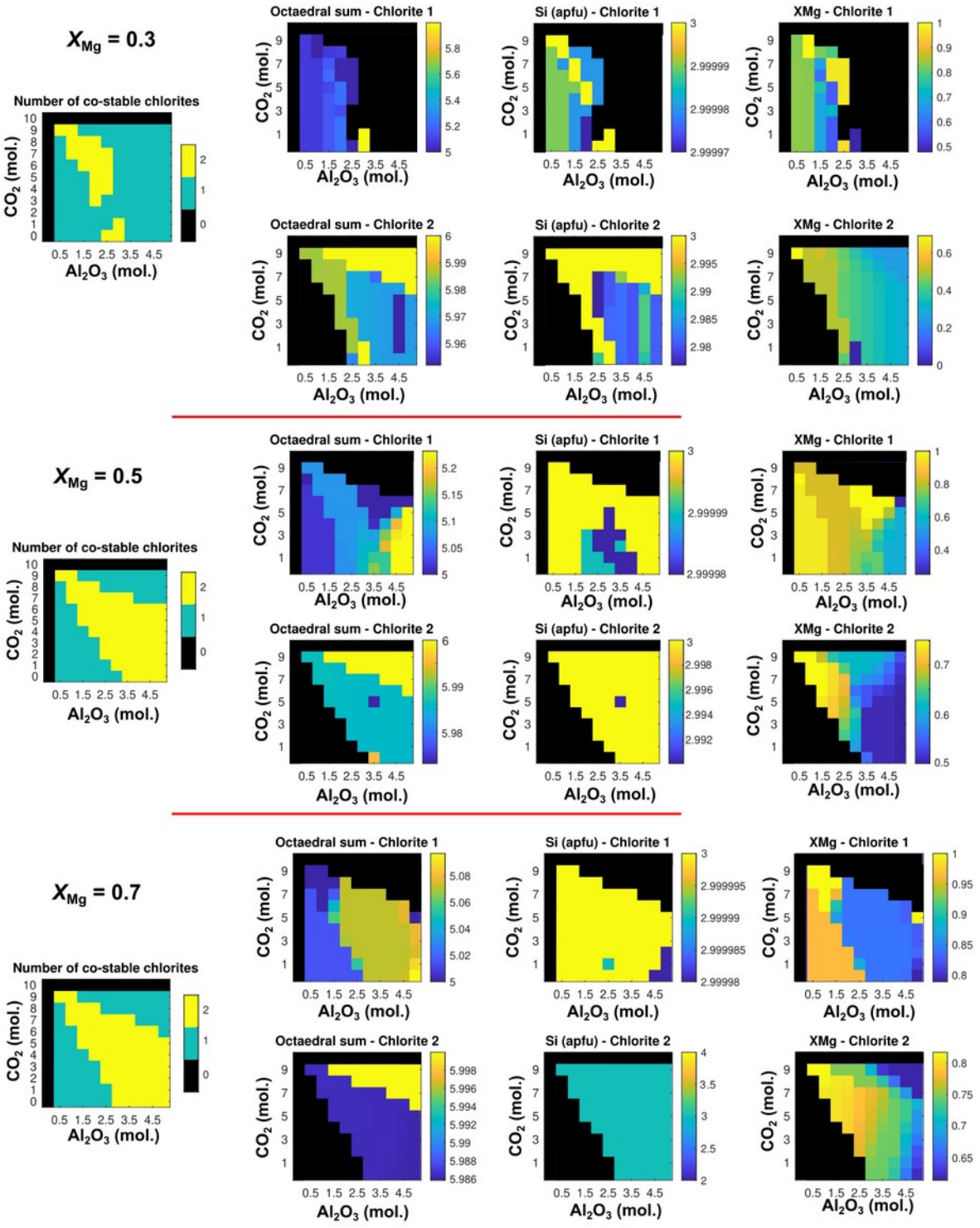

Figure S1: Results of *meemum* simulations for three distinct bulk-rock values with variable X_{Mg}=Mg/(Mg+Fe^{2+}), CO_2 and Al_2O_3 molar contents. Calculations made at 200°C and 0.2 GPa. Results show the number of co-stable chlorites for each bulk-rock composition, and the sum of cations in the octahedral sites (in atoms per formula unit, apfu), Si content and X_{Mg} of di-trioctahedral chlorite ("Chlorite 1") and tri-trioctahedral chlorite ("Chlorite 2").