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Prof. Baxter

Problem Set 1

1. Final Formula: (Ca1.53C1.5Mg.94)

2. Final Formula: (Si2.99Fe2.04Al1.99Ca.48Mn.25Mg.25Ti.002Na.002Cr.001)

3.

4. Final Formula: (Si5.55Al3.07Fe2.79K1.92Mg1.92Ti.33Mn.05Na.015Ca.003Ca.001)

5. The biotite analysis is particularly low because of the presence of the anion F-. The presence of oxygen anions is accounted for but F-‘s are not….