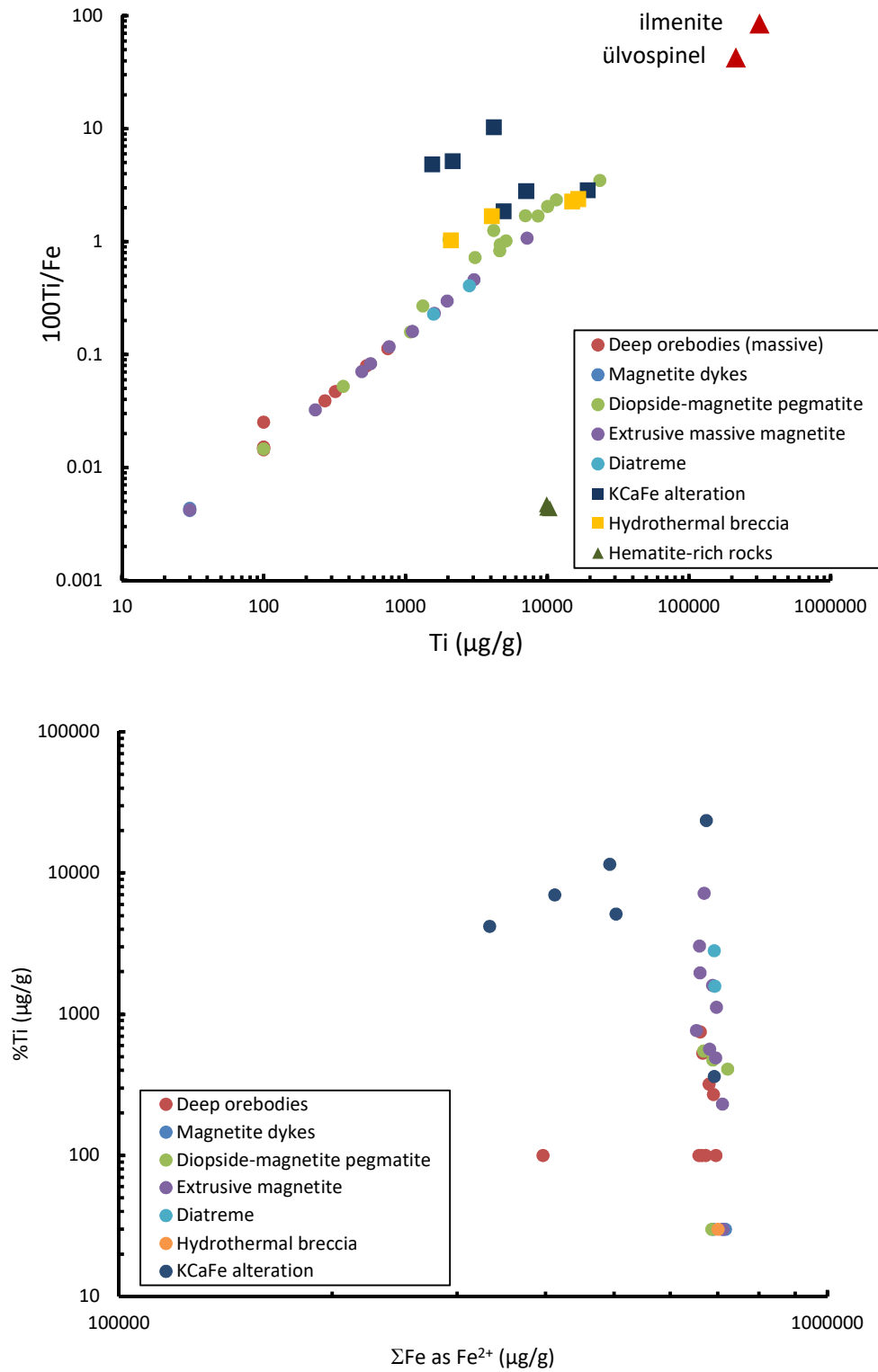




SI Figure 1. Bulk chemical composition of magnetite ore at El Laco. (a) Ti vs SFe (as Fe^{2+}). (b) $100\text{Ti}/\text{Fe}$ vs Ti. Plotting of the samples with hydrothermally altered andesite, hydrothermal breccias and, to a lesser extent, diopside-magnetite pegmatite samples above the regression line is consistent with the presence of phases other than magnetite (titanite and rutile) as hosts of Ti.