

Fig. S1. Pyroxene ternary diagram (after Morimoto, 1988) showing clino- and orthopyroxene compositions from the Cheshmeh-Bid pyroxenite dykes

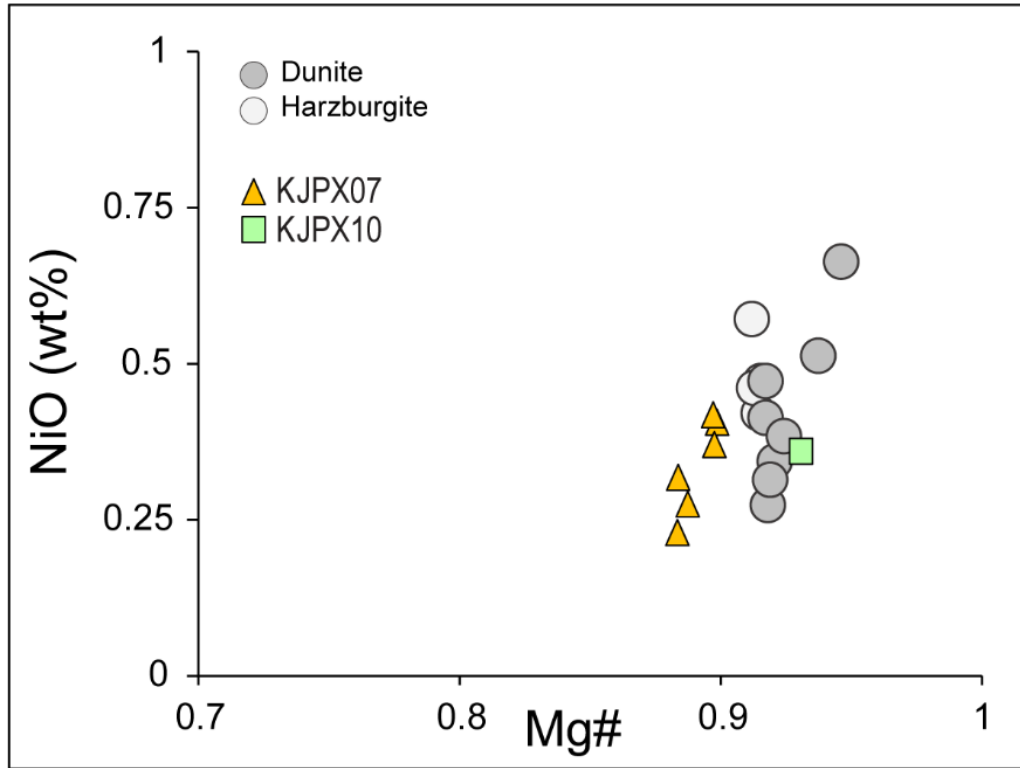


Fig. S2. Mg# vs. NiO (wt.%) for olivines from the Cheshmeh-Bid peridotites. The olivine compositions from the Cheshmeh-bid dunites and harzburgites (Rajabzadeh and Nazari-Dehkordi, 2013) are included for comparison.

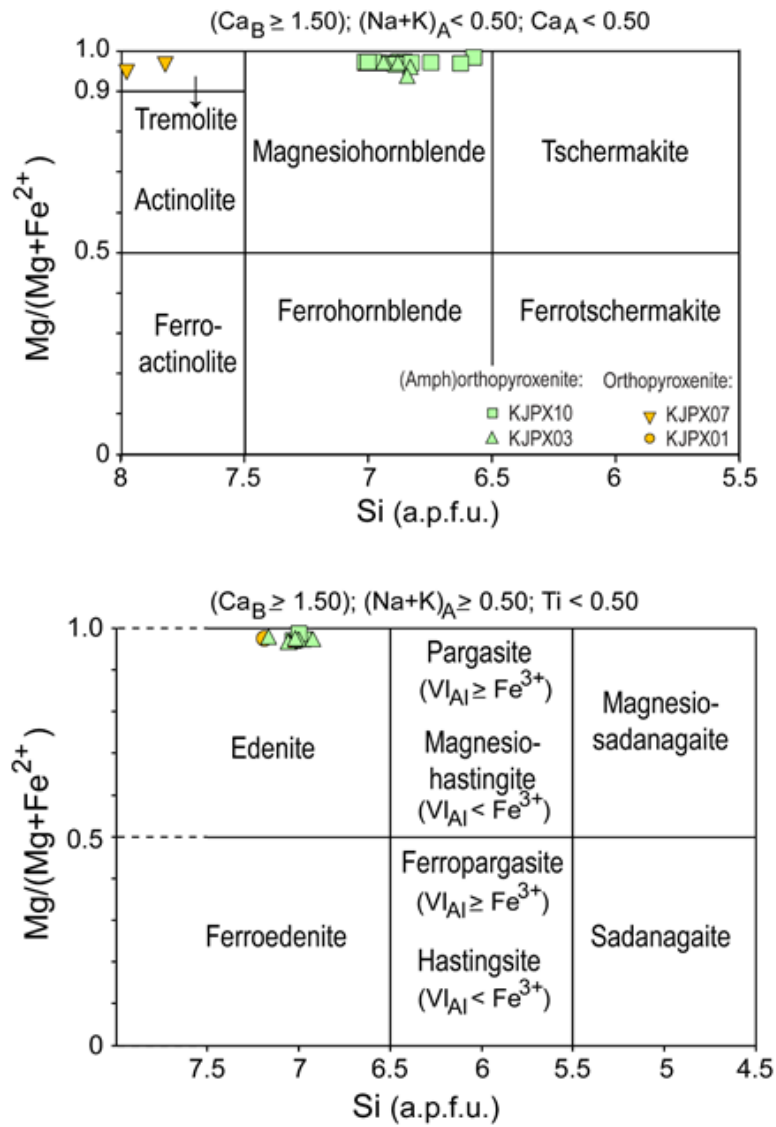


Fig. S3. Chemical classification of the calcic amphiboles from the Cheshmeh-Bid pyroxenites (after Leake et al., 1997).

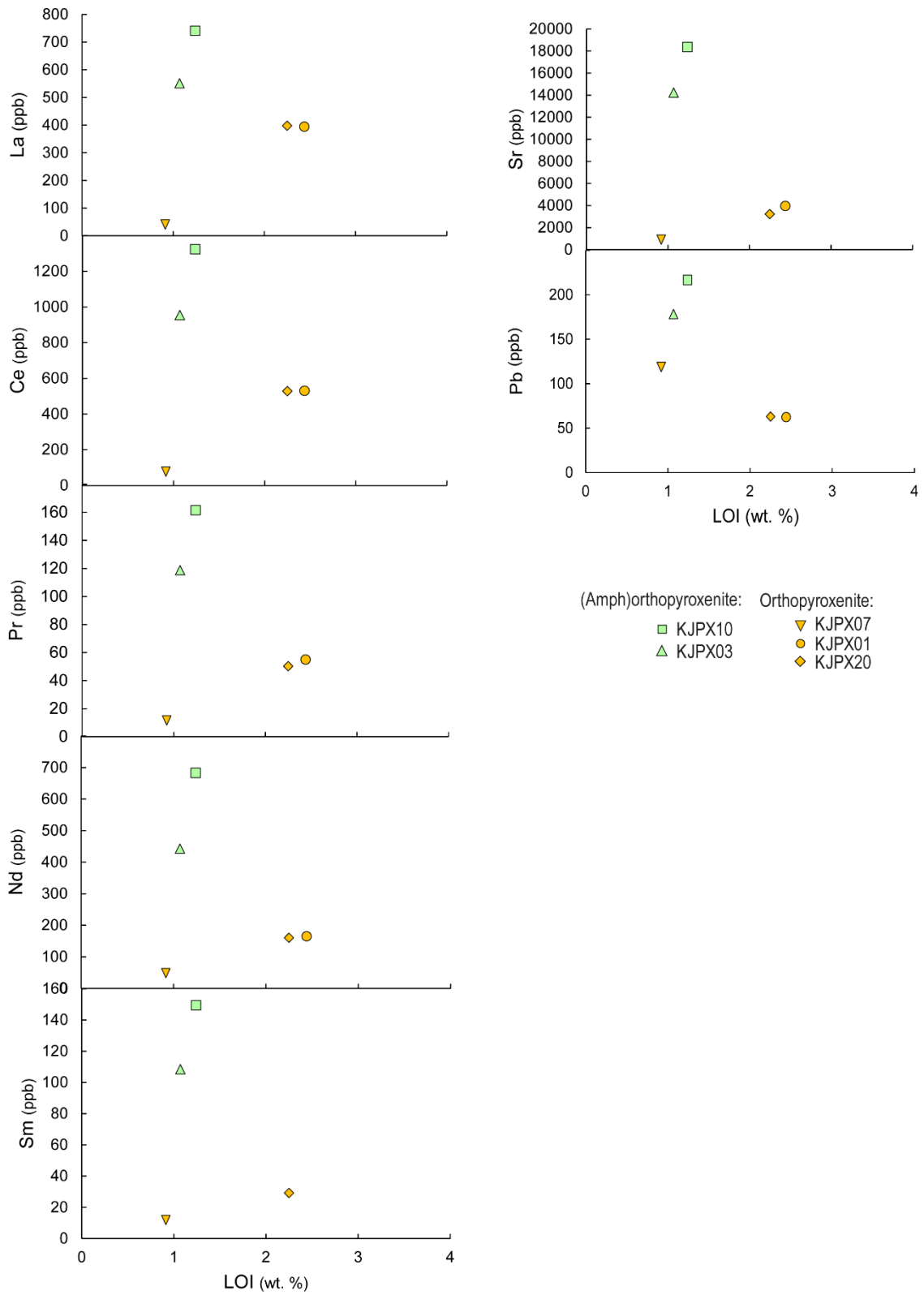


Fig.S4. L.O.I versus Pb, Sr and LREE