

Appendix

Appendix 1. Electron-microprobe data of chromite from Los Congos and Los Guanacos (Argentina) chromitites.

Table with columns: Sample, Texture, Microstructure type, Chromite grain zone, Analysis#, and various chemical elements (SiO2, TiO2, Al2O3, Cr2O3, FeO, FeO, MnO, MgO, ZnO, NiO, Total, Cr, Ti, Al, Fe3+, Fe2+, Mn, Mg, Ni, Zn, Cr#Cr/(Cr+Al), Mg#Mg/(Mg+Fe2+), Fe3#Fe3+/(Fe3++Cr+Al), Fe2#Fe2+/(Fe2++Fe3+), Al#Al/(Al+Fe3+)). Rows are categorized by location: Los Congos and Los Guanacos.

Appendix 2. Electron-microprobe data of silicates from Los Congos and Los Guanacos (Argentina) chromitites.

Table with columns: Sample, Chromitite texture, Microstructure type, Analysis#, Wt(%) (SiO2, TiO2, Al2O3, Cr2O3, MnO, FeO, MgO, NiO, CaO, Na2O, K2O, Total), apfu (calculated on the basis of 7 oxygen atoms) (Si, Ti, Al, Cr, Mn, Fe, Mg, Ni), and Mg#=(Mg/(Mg+Fe2+)). Rows include Los Congos (M-25) and Los Guanacos (M-17, 3317).

Table with columns: Sample, Chromitite texture, Microstructure type, Analysis#, Wt(%) (SiO2, TiO2, Al2O3, Cr2O3, MgO, FeO, NiO, MnO, CaO, Na2O, K2O, Total), apfu (calculated on the basis of 4 oxygen atoms) (Si, AlIV, sum T, AlIV, Cr, Ti, Mg, Fe2+, Ni, Mn, Ca, Na, K, sum M2, Total), and Mg#=(Mg/(Mg+Fe2+)) and Fe2+/(Fe2++Mg). Rows include Los Guanacos (M-17).

Table with columns: Sample, Chromitite texture, Microstructure type, Analysis#, Wt(%) (SiO2, TiO2, Al2O3, Cr2O3, MgO, FeO, NiO, MnO, CaO, Na2O, K2O, Total), apfu (calculated on the basis of 8 oxygen atoms) (Si, AlIV, sum T, AlIV, Cr, Ti, Mg, Fe2+, Ni, Mn, sum M1, Mg, Fe2+, Ni, Mn, Ca, Na, K, sum M2, Total), and En, Wo, Fs, Mg#=(Mg/(Mg+Fe2+)). Rows include Los Congos (M-25, M-27) and Los Guanacos (B317).

