# **SUPPLEMENTARY FIGURES**



Supplementary Figure 1. Garnet data from this study plotted using (Xie and Ding, 2007) scheme. Type-A garnets are low Ca-Mn, high Mg derived from high-grade (granulite facies) metasediments and charnockites. Type-B are Low Mg, variable Ca and Mn typical of metasediment sources with intermediate metamorphic grade, and intermediate to acidic gneisses and granites. Type – C are high Mg, high Ca derived from high-grade gneiss, eclogites, and ultrabasic rocks e.g. peridotites and pyroxenites.

# **REFERENCES**

Xie, J., Ding, Z., 2007. Compositions of heavy minerals in Northeastern China sandlands and provenance analysis. Sci. China, Ser. D Earth Sci. 50, 1715–1723. doi:DOI 10.1007/s11430-007-0110-0