



Fig. 3S - $\text{Al}_2\text{O}_3/\text{SiO}_2$ vs MgO/SiO_2 binary diagram for the serpentinites of Sierra de Baza. Estimated composition of the depleted mantle from Salters and Stracke (2004) and primitive mantle from McDonough and Sun (1995). The thick black line represents the massive evolution of silicates on Earth (terrestrial array) from Jagoutz et al. (1979) and Hart and Zindler (1986).