

Origin of Lower Paleozoic S-type magmatism in a northern terrane of Gondwana (Central Iran): Geochemical and isotopic approach

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Table S1: Comparison of $\delta^{18}\text{O}$ values in various rocks with different origin.

$\delta^{18}\text{O}$	Lithology	Origin	Reference
8.21‰-8.33‰	Bishop Tuff	I-type	Bindeman and Valley (2002)
11.6‰-11.8‰	Beypazarı Granitoid	I-type	Öztürk et al. (2012)
8.0‰-9.97‰	Okcheon belt granites	I-type	Lee et al. (2018)
11.25–12.28‰	Kampa leucogranites	S-Type (melting of pure-sediments)	Liu et al. (2018)
13.2–‰14.0‰	Cape Granite Suite	S-Type (partial melting of metapelitic rocks)	Harris and Vogeli (2010)
13‰-14‰	Metamorphic rocks	Metamorphic	Blatt (1987)
-9.3‰-30.1‰	Hydrothermal quartz	Hydrothermal	Kleine et al. (2018)