

Review of: "Carbonate complexation enhances hydrothermal transport of rare earth elements in alkaline fluids"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This is an outstanding work which clearly clarifies the role of carbonate complexation in enhancing the mobility of rare earth elements in high-temperature alkaline fluids, though the delicate experiments cannot be performed with ease. By speciation analysis and insitu monitoring of REE concentrations, the REE hydrothermal behaviors with respect to various ligands were investigated, and the modes of REE transport in alkaline fluids were established. In all, it's a great pleasure to see these research results being published.