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Hydrochemistry of non-volcanic hot springs around the Kofu Basin, Yamanashi Prefecture, Japan

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Relatively low-temperature non-volcanic hot springs emerge from the Kofu Basin, Yamanashi Prefecture. Major chemical, oxygen and hydrogen isotopic compositions of the thermal and ground waters from sixteen wells of the study area were analyzed to discuss recharge mechanisms, water-rock interaction processes to make chemical properties of the fluids and flow system of deep fluids.

Keywords: Kofu Basin,, non-volcanic hot spring waters, chemical composition, fluid-mineral interaction, fluid flow system, genesis