

Geochemical features for spring at Izu Peninsula

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IZU Peninsula is mainly composed of volcanic rocks and hot springs are located all over the area. This study focused on shallow groundwater with high circulation rate. Spring water was collected from 18 site and its dissolved ion, stable isotopes, CFCs and SF6 were determined. Based on the analysis results, we discuss characteristics of water chemistry, origin and residence time.

Keywords: IZU Peninsula , spring, water chemistry, origin, residence time