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Study on Temporal Change of Hydraulic Conductivity for Long-term Groundwater Flow Analysis

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We studied the temporal change of hydraulic conductivity to be considered in the safety assessment of geological disposal facility. Based on the measured geological properties performed in Horonobe area, it is appeared that the correlation between the depth and hydraulic conductivity. Then, we estimated the temporal change of hydraulic conductivity in this area.

Keywords: Geologic Disposal, Safety Assessment, Groundwater Analysis