

# Geochemical investigation in Mizunami Underground Research Laboratory

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JNC is furthering Mizunami Underground Research Laboratory Project. This report discusses the contents of geochemical investigation in shafts and sub stage.

Aims of this investigation are, to determine the hydrochemical profile of groundwater from the surface to over 1,000m depth around MIU construction site, to determine the geochemical influence of excavation, to acquire the data about the influence of the colloid / organics in groundwater. The items of investigation method are planned that, sampling of groundwater inflow through tunnel, sampling of groundwater from boreholes in sub stages, core mapping and mineralogical characterization of drill cores in sub stages, sampling of groundwater from surface boreholes.