G150-P013 Room: Poster Session Hall Time: May 17

Hydrochemical changes of groundwater around Mizunami underground research laboratory.

Teruki Iwatsuki[1]; Yuki Amano[1]; Hideki Mie[1]

[1] JAEA Tono

Hydrochemical changes of groundwater have been observed around the shaft of Mizunami underground research laboratory. Water pressure, pH, and concentrations of calcium, sulphate and bicarbonate ions in groundwater changed in response to shafts sinking. Hydrochemical disturbance seems to reach within the range of surrounding shaft tens of meter.