

Techniques for investigation of groundwater geochemistry

Katsuhiko Hama[1], Katsushi Nakano[2]

[1] JNC, [2] TGC,JNC

<http://www.jnc.go.jp/>

Regional hydrogeological studies have been carried out in the Tono area,Japan to develop appropriate techniques to investigate the geological structure,groundwater flow and groundwater chemistry of the deep geological environment.

The following items are included in the geochemical study of groundwater.

- Construction of a geochemical dataset
- Evaluation of the mechanisms controlling water chemistry.
- Construction of conceptual models that explain the evolution of water chemistry.

Regional hydrogeological studies have been carried out in the Tono area,Japan to develop appropriate techniques to investigate the geological structure,groundwater flow and groundwater chemistry of the deep geological environment.

The following items are included in the geochemical study of groundwater.

- Construction of a geochemical dataset
- Evaluation of the mechanisms controlling water chemistry.
- Construction of conceptual models that explain the evolution of water chemistry.