

# Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

©2011. Japan Geoscience Union. All Rights Reserved.



SCG068-07

Room:104

Time:May 22 15:45-16:00

## Study of chlorine-36 dating of groundwater in the SAB-2 borehole, Horonobe, Hokkaido

Kimikazu Hisada<sup>1\*</sup>, Masahiro Munakata<sup>1</sup>, Kazuyuki Matsusue<sup>1</sup>, Hideo Kimura<sup>1</sup>

<sup>1</sup>Nuclear Safety Research Center, JAEA

A deep drilling project (SAB-2 borehole, 710m deep) has been conducted in the Horonobe area, Hokkaido, Japan for the safety assessment of geological disposal of radioactive waste. We report a result of investigation of groundwater age using chlorine-36.

Keywords: chlorine-36, groundwater age, Horonobe