

# Thermoluminescence Ages of Ore Deposits and Alteration Zones in the south of the Kii Peninsula

# Sunao Kanazawa[1]; Isao Takashima[2]; Shingo Tomiyama[3]; Teruki Oikawa[1]; Koji Umeda[1]

[1] JNC Tono; [2] Res. Inst. Mater. Res., Akita Univ.; [3] mrc

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

Alteration ages have been determined for 5 samples collected from ore deposits and alteration zones in the south of the Kii Peninsula. The mineral used for thermoluminescence dating is secondary quartz separated from veins or rocks.

Obtained ages range from 80 to 750ka. This indicates that the hydrothermal activity started the latter half of the Quaternary Period in the south of the Kii Peninsula.