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MIS24-P05

Room:Convention Hall



Time:May 22 17:15-18:30

Effect of bacteria on calcite precipitation

MYOJO, Toshiki^{1*}, UEDA, Akira¹, ZHANG, Jing¹, Shogo Nakamura¹

¹University of Toyama

Calcite precipitation with/without bacteria was studied in two fields; Ogachi and Matsushiro. At Ogachi, two types of bacteria were mixed with carbonated water and passed through a coloum filled with glass beads. Calcite precipitation was observed in one column. At Matsushiro, hot spring water saturated with carbonate was also passed through a column and aragonite was detected in the column.

Keywords: calcite, bacteria, precipitation, hot spring, rate