

Geothermal system of Maruo Hot Spring in Kirishima Volcano, Kyushu , Japan

TAGUCHI, Sachihoro^{1*}, MATSUKAWA, MInori¹

¹Fukuoka Univ.

Water samples from Maruo hot spring in Kirishima Volcano were collected and analyzed geochemically. Based on geochemical results, a geothermal system in this hot spring area was revealed; upwelling from northeastern side and moving to southwestern side with mixing with stem-heated waters along NE-trending fractures.

Keywords: Maruo hot spring, Geochemistry, Kirishima volcano, Geothermal system