## Relationship between terrestrial gamma-ray dose rate and Plutons

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In order to clarify the relationship between terrestrial gamma ray dose rates and surface geology on plutons, measurements were carried out for the entire part of Ikoma gabbro, Konoyama gabbro and Kaguyama gabbro in Kinki district. The results of analysis were summarized as follows.(1)The mean value for each gabbro was nearly the same as that in the whole of Japan.(2)The gammaray dose rate of each gabbro rocks indicates distribution like concentric circle. The dose rate levels for gabbro rocks increased from sorrounding over center part. In pluton, especially there was remarkable difference at gammaray dose rate according to the rock type. The dose rate levels for plutons(granites, diorite and gabbro)increased from sorrounding over center part.