

## A study of tuff layers in Kada coast

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The purpose of this study is to investigate whether two tuff layers in Kada coast are same or not. Observing these layers in the coast, we discussed and analyzed it.

About two layers, one is in Miyama, the other is in Jogashima.

Both of them consist alternate layers of fine grain and coarse one.

When we observe these layers, we focused on three points; strikes/dips and thickness, geological structure, and mineral composition.

As a result, the total thickness of Miyama tuff layer and Jogasaki's one was similar. Geological structures connect two layers are not obvious. The mineral composition looks like similar, however the details are still unknown.

Therefore we have not got a conclusion yet, so at the conference, we will present the additional data of upcoming field survey.

Keywords: Kada coast, Izumi group, tuff, sedimentary structure