

## Experiments on flow behavior of volcanic debris avalanche - flowage of a sliding disc on powder layers.

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A coefficient of kinetic friction of volcanic debris avalanche is small. Matrix facies and block facies are special features of debris avalanche.

We make experiments on coefficient of kinetic friction of a sliding disc on powder layer, assuming that matrix facies are powder and block facies are solid.

The results of this experiments suggest the possibility that powder affect coefficient of kinetic friction making smaller.