

## Magma ascent and vent formation of felsic magma

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In comparison with basaltic magma, felsic magma is characterized by its high viscosity, its low density, and high volatile component, so that felsic magma ascends with different style from basaltic magma. Magma ascent of felsic magma, interaction with felsic dikes through stress and flank instability, shape and dimension of felsic dike, and vent formation are discussed.