

4 types of Volcanoes:

Picture

Shield volcanoes - wide, shaped like shield, - Basaltic magma



↓ viscosity - ↓ H₂O

Cinder Cones - Tall & Thin
- granitic magma
- ↓ H₂O



↑ viscosity

Composite volcanoes -
(Strato)

explosive!

- mountains
large

- granitic magma

↑ viscosity

↑ H₂O



Lava Plateaus -

like shield volcanoes

↓ viscosity

basaltic magma - runny

↓ H₂O



Landforms from Magma

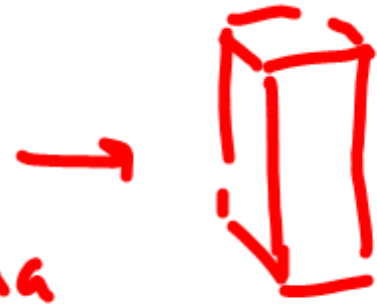
Caldera - extinct volcano
forms crater on top
filled w/ water



Volcanic neck - hardened
Volcanic pipe -
inside of volcano
left over.



Dike - vertical
hardened magma
intrusions



Sill - horizontal



Batholith -

magma chamber under
volcano left over after
surface volcano eroded



Dome Mountains.

hardened magma chamber



Hot Springs -

interaction of heated magma +



Geysers -

H₂O



expands - steam

