EARTH STRUCTURES

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are formed from → **VOLCANOES**

are formed from → **EARTHQUAKES**

VOLCANOES

consist of types such as → **SHIELD VOLCANOES**

consist of types such as → **CINDER CONES**

consists of types such as → **COMPOSITE VOLCANOES**

SHIELD VOLCANOES

- have characteristics such as → **BASALTIC LAVA**
  - has → **LOW VISCOSITY**
- have characteristics such as → **SUMMIT CALDERAS**
  - are formed by → **SUBSISTENCE**
    - is facilitated by → **UNDERGROUND CONDUITS**
- have as an example → **MAUNA LOA**
  - is formed in → **HAWAII**

CINDER CONES

- occur in → **FIELDS**
- have as a characteristic → **BASALTIC SCORIA**
  - is formed by → **LAVA FOUNTAINS**
    - are caused by → **STREAMING GASES**
    - are caused by → **LAVA BLOBS**
- have as an example → **PARICUTIN**
  - is located in → **MEXICO**

COMPOSITE VOLCANOES

- have characteristics such as → **ANDESITE MAGMA**
  - has characteristics such as → **HIGH VISCOSITY**
- have characteristics such as → **MULTIPLE ERUPTIONS**
- have as an example → **MOUNT FUJI**
  - located in → **JAPAN**
- occur in → **CHAINS**

EARTHQUAKES

are caused by → **SEISMIC WAVES**

have → **POWER**

SEISMIC WAVES

- consist of types such as → **BODY WAVES**
- consist of types such as → **SURFACE WAVES**
  - are measured by → **SIESMOGRAPH**
- consist of types such as → **FREE OSCILLATIONS**
  - are measured by → **SIESMOGRAPH**

SIESMOGRAPH

- measures → **PRIMARY WAVES**
  - MEASURES → **BACK AND FORTH**
- MEASURES → **SECONDARY WAVES**
  - MEASURES → **SIDEWAYS**

POWER

is measured by the → **RICHTER SCALE**

has as a category:
- **RANK 1-3**
  - are → **WEAK**
- **RANK 4-6**
  - are → **STRONGER AND MORE DANGEROUS**
- **RANK 7-8**
  - ARE → **WEAK**