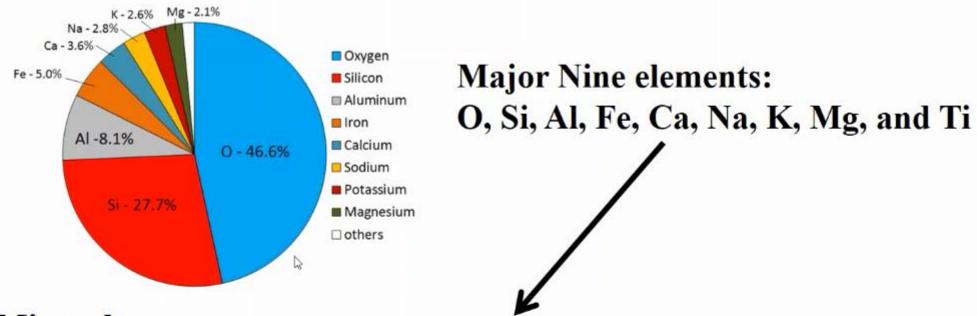
COMPOSITION OF THE CRUST



Mineral:

Naturally occurring, inorganic substance having a definite chemical composition.

E.g., Quartz, Feldspar, Olivine, Garnet, Kyanite, Biotite, etc.

- Most of the minerals are crystalline in form (i.e., with regular internal atomic structure).
- However, there are few minerals, which are amorphous (e.g., Opal, glass)

MINERALS AND ROCKS

Mineral:

- Economic Minerals
 - Fe: Magnetite, Hematite
 - Cu: Chalcopyrite
 - Pb: Galena
 - U: Uraninite

- Rock Forming Minerals
 - Quartz
 - Feldspar
 - Garnet
 - Amphibole

Properties of MINERALS

- Physical Properties
- **■**Optical Properties
- **□**Chemical Properties

- **≻**Color
- >Streak
- >Hardness
- ➤ Specific Gravity
- **≻**Cleavage
- >Fracture
- Luster
- **≻**Form
- ➤ Magnetic



➤ Reaction to HCl

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