



<https://www.youtube.com/watch?v=Lg7kZpTVoms>

Uses of Minerals

More uses of Minerals

Iron, copper, zinc - used in everyday appliances and utensils - but they are also used by your body (your body needs over 20 different kinds of elements found in minerals)

Iron helps blood carry oxygen

Calcium builds strong bones and teeth

Sodium regulates water in the body

Mineral Identification

First way to identify minerals

1) Cleavage and Fracture

The previous properties of minerals were observable to the eye.

Cleavage and Fracture involve how the mineral breaks apart.

Cleavage - breaks smooth, flat surfaces, or planes
(mica)

Fractures - break rough with jagged edges.

(Obsidian)

Cleavage vs. Fracture

- Lets say I would break a mineral
 - If the mineral breaks with smooth edges or surfaces it is said to have cleavage
 - If the mineral has jagged or rough surface by the break then it is said to be fractured.

cleavage



fractured





Assignment

2. Check your Understanding
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