

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

Pg 280-287 Read

1 → pg 280 answer

2 → pg 282-283 any of them

3 pg 286

2. Check your Understanding
pg 288 - Questions 1-5

Attachments

Science 7 Rock Assignment 1.docx