

# Geology Reference Sheet

Mineral number: \_\_\_\_\_

Follow the steps listed below to identify each mineral. Compare your test results to the mineral identification sheets.

How does the mineral feel? (rough, smooth, oily, dry, etc.)

How does the mineral look (color, luster — dull, metallic, silky)? You may use a magnifying glass.

What color streak does it make? You may use black and/or white tiles.

Does mineral fluoresce? (Place mineral in dark box and expose to UV light. Does it “glow”? If so, what color?)

## Hardness Test

YES      NO

Can mineral scratch glass?

Can mineral scratch a penny?

Can mineral scratch your fingernail? (Be gentle.)

## Magnetic Test

YES      NO

Is mineral magnetic?

This mineral is most like: \_\_\_\_\_

Does this mineral mean that there was liquid water in the past? Could this mineral be useful to future missions on the planet?