

GEOLOGY STATION

The success of any mission depends on the recorded data.

At this station, you will:

Use some of the geologist's tools to identify types of minerals.

1. Pick a mineral to identify.
 2. Follow all steps on mineral reference sheet and record the results.
 3. Compare the results to the mineral identification cards to identify your mineral.
 4. When you have identified a mineral, think of information the mineral can tell us about the planet's past. Did this mineral require liquid water to form? Did the mineral form in a hot volcano? Keep your sheet for a reference book that will help to identify minerals and give us a clue to the past conditions on the planet.
 5. Pick a new mineral to identify and follow the above steps.
 6. Compare your results with others.
 7. Make sure that each mineral has been identified by at least one geologist.
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