



Place the window on the rock and look for specific details. Write these descriptions in your notebooks.

1. Texture

Describe how the rock feels.
Smooth, rough, bumpy...

2. Grain Size

Can you see the individual **pieces** that make up the rock? **Explain** if using a magnifying glass helped you to see the **grains**.

3. Color

Describe the color or colors of the rock. Determine if these colors are in **bands** (stripes) and describe them.

5. Mineralogy

Look closely at your rock. Are there any **shiny pieces** that might be quartz?

4. Hardness

Analyze the hardness of the rock by scratching it with your fingernail or a piece of metal (like a backpack zipper). **Describe** the results you found.

Connections to the Ecosystem

**A. What type of rock do you think this is?
Why do you see it here?**

*Think about the color and what it is composed of.

B. How would wind or rain affect this rock?

* Think about the hardness of the rock.

**C. What are some producers that would use this rock?
How?**

F. What could this rock tell us about the ecosystem here in ancient times?

E. What does this rock add to the ecosystem?

D. What are some consumers that might interact with this rock?

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