

Smashing Granite Lab

Name _____

Materials 1 marble-sized piece of granite, goggles/safety glasses, hammer, sorter of geology (SOG), magnet, stereomicroscopes and/or loupe.

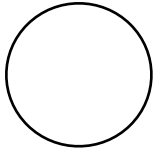
- Do**
1. Observe a newspaper photo under the scope on low. High. Finger. Phone.* On back write observations for each.
 2. Observe your piece of granite under your scope first on lower power then on high.
 3. Write 3 sentence observations about the granite. Do not use "it" in your sentences. Be neat.
 4. Get approval. Don the goggles, wrap granite in paper, go outside, & crush to •-sized particles.
 5. Observe the components of your granite under the scope.
 5. Use your SOG to separate different components into at least 4 groups.
 6. Adhere those different components below using glue or transparent tape.
 7. Write 3 sentence observations about each component. No "it".

GRANITE OBSERVATIONS (SENTENCES)

- 1
- 2
- 3

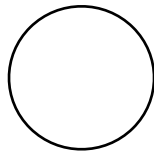
COMPONENT OBSERVATIONS (SENTENCES)

Component A



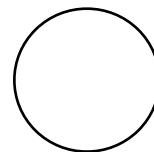
- 1
- 2
- 3

Component B



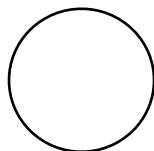
- 1
- 2
- 3

Component C



- 1
- 2
- 3

Component D



- 1
- 2
- 3

A) List at least 3 ways that minerals differ from each other.

a.

b.

c.

Think of cake vs raisins... raisins...yum..slobber...

B) Summarize what you learned about the difference between rocks and minerals.

