

Engineering Activity 4: Hide and Seek: Finding Minerals

Data Detection Investigation–Sound

Felt represents clay minerals



Kaolinite. Image source: Wikipedia

Paper represents volcanic minerals



Olivine. Image source: NASA

Foam represents sulfate minerals

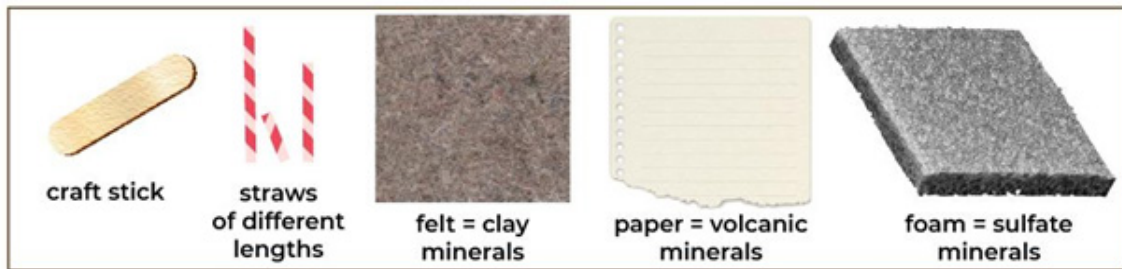


Gypsum. Image source: Wikipedia

Feel and scrape each material with a craft stick and different-sized straws.

Feel and listen to the differences as you scrape.

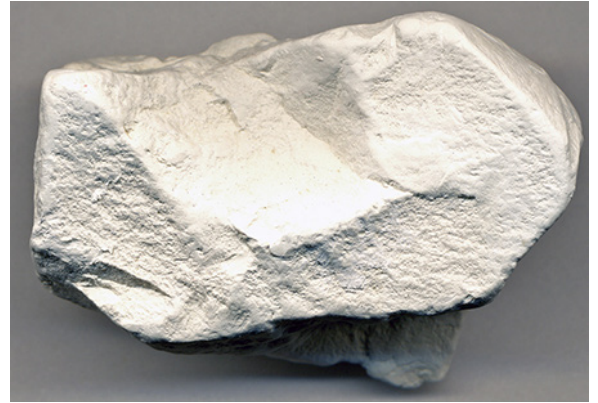
Use this space to record your observations.



record your observations

Data Detection Investigation–Light

Triangles ▲ represent clay minerals



Kaolinite. Image source: Wikipedia

Circles ● represent volcanic minerals



Olivine. Image source: NASA

Stars ★ represent sulfate minerals



Gypsum. Image source: Wikipedia

Investigate how the colors on the red and blue test sites look in two ways:
with cellophane filters placed over them
without cellophane filters placed over them

Use this space to record your observations.