

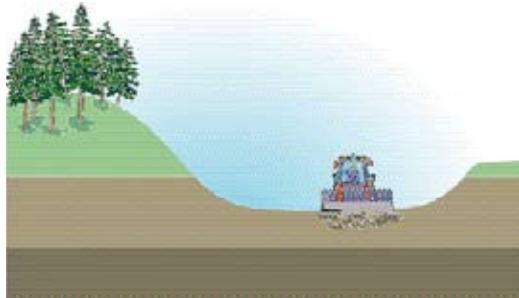
# Meet the Minerals!



**E**verything we use comes from plants, animals or minerals.

If it can't be grown, it has to be mined. There are 2,500 mining operations in New York State that get permits from the Department of Environmental Conservation. Over 25 different minerals are mined in our state.

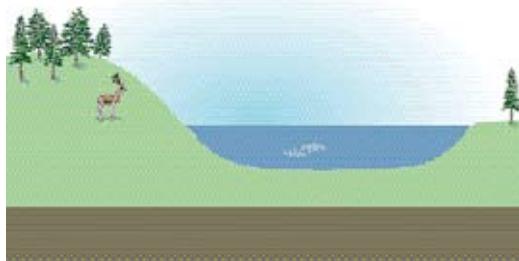
Mines can be underground or on the surface. After mineral deposits are removed from the surface, companies must restore the land. This work includes grading, erosion control and plantings. It is called mined land reclamation. The finished product may be used for community recreation, nature trails or wildlife habitat.



Surface is removed.



Mineral is mined.



Surface is reclaimed.

# Mineral Match

Use these minerals to complete the sentences.

garnet

clay

mica

gypsum

silicate minerals

talc

sand, limestone and talc

graphite and clay

- We call them lead pencils, but the points are really made of \_\_\_\_\_ and \_\_\_\_\_.
- Baby powder is made of \_\_\_\_\_, which is the softest mineral.
- You'll find \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ in glass.
- Sandpaper is made from \_\_\_\_\_, which is New York's State gem.
- The sparkles in toothpaste are made from \_\_\_\_\_.
- Wallboard is made from \_\_\_\_\_.
- Roof shingles are colored by \_\_\_\_\_.
- Porcelain toilets are made from \_\_\_\_\_.