

MINERAL BOX SET #4

1. gypsum - selenite
2. calcite (dogtooth form)
3. pyrite and garnet
4. tremolite
5. quartz crystal
6. talc (soft and greasy)
7. native sulfur
8. A. calcite B. apatite
9. azurite
10. albite
11. microcline feldspar
12. epidote
13. A. quartz B. chalcedony
14. malachite
15. muscovite
16. bornite
17. dolomite
18. biotite
19. citrine
20. calcite - dogtooth
21. galena
22. fluorite
23. tourmaline

Some questions to consider:

Which of these is a crystal form of a sulfate?

Which minerals are on Bowen's reaction series?

Which are forms of chalcedony?

Which of these minerals is a native element?

Which mineral is called "peacock ore"?

Which are carbonate minerals?

Which are on Moh's Hardness scale?

Which mineral is a chain silicate ?

What do minerals 10 and 11 have in common?

Which minerals show crystal faces?

Which mineral is a halide? a sulfate? a phosphate?

"If you do the activities the results will follow."
— Brian Buffini

"Give, ask, then receive"
— Brian

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8A

8B

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13A

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13B

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ROCK BOX SET #4

1. granite
2. pumice
3. gneiss
4. rhyolite
5. andesite porphyry
6. breccia
7. basalt
8. mica schist
9. amygdales basalt
10. conglomerate
11. fossiliferous limestone
12. granite
13. phyllite
14. sandstone
15. pegmatite
16. garnet gneiss
17. marble

Some questions to consider:

Which are sedimentary, igneous, and metamorphic

What is the red mineral in #3?

Which are the two minerals in #15

What is the intrusive equivalent of #4?

Which rocks are clastic sedimentary rocks?

Which rock likely came from the oceanic crust?

What is the green mineral in #9?

Which 4 rocks are extrusive igneous rocks?

Can you explain the texture in rock #2?



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The results will follow.
— Brian Buffini

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