

COLOR	LUSTER	STREAK	MOHS	OTHER OBSERVATIONS	MINERAL NAME	FORMULA	ORE FOR
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
EX							

Color - Record the color you see. **Luster** - Metallic / Glassy / Pearly / Dull-Earthy / Fibrous **Streak** - Use the streak plates, Luke! **Ore For** - What metal do we get from this mineral?

Mohs # - 1-10. Yes, you may use half steps or < and >. fingernail = 2.5 / copper 1¢ = 3.5 / steel nail = 5.1 / glass = 5.5 Your fingernail may differ. Check with your doctor. :)

Other Observations - Magnetism / Striation / Exsolution Lines / Smell / Density / Crystals Present & Shape. *Do not taste anything in this lab!*

Mineral Names - Your 12 samples are include the 14 minerals listed below.

[azurite*](#)
[hematite](#) - specular

[bauxite*](#)
[kaolinite](#)

[copper](#)
[malachite*](#)

[corundum](#)
[pyrite](#)

[galena](#)
[sphalerite](#)

[gypsum](#)
[sulfur](#)

[hematite](#) - earthy
[talc](#)

Using your stereomicroscope, take notes about each mineral. Start on low power then move to high power. Research and list 2 uses of each mineral.

13 _____ U1 _____ U2 _____

14 _____ U1 _____ U2 _____

15 _____ U1 _____ U2 _____

16 _____ U1 _____ U2 _____

17 _____ U1 _____ U2 _____

18 _____ U1 _____ U2 _____

19 _____ U1 _____ U2 _____

20 _____ U1 _____ U2 _____

21 _____ U1 _____ U2 _____

22 _____ U1 _____ U2 _____

23 _____ U1 _____ U2 _____

24 _____ U1 _____ U2 _____

EX _____ U1 _____ U2 _____