jiMineral Lab

To complete the Mineral Lab you need to have named all the minerals you tested. Use the Mineral Information Chart to find the names of the minerals and fill in any missing information. Then answer the questions below on a separate sheet of paper.

**The Minerals and their Densities in our Lab** (There are 3 more minerals NOT listed below that you tested and need to identify by name using the chart. You do NOT have to have the density filled out for those minerals.)

* Mica 2.5 g/cm3
* Sulfur 2.06 g/cm3
* Magnetite 5.15 g/cm3
* Hematite 5.3 g/cm3
* Quartz 2.62 g/cm3
* Calcite 2.72 g/cm3
* Graphite 2.16 g/cm3
* Fluorite 3.18 g/cm3
* Talc 2.75 g/cm3

**Answer the following questions on a separate piece of paper and turn in with your lab?**

1. Which mineral had the highest density?
2. Which mineral had the lowest density?
3. Why is color ALONE not enough to identify a mineral?
4. What test did you find the easiest to use for mineral identification?
5. List two reasons minerals are useful for humans?