

Regional Science Consortium Rocks and Minerals

Student Worksheet

Table 1: Characteristics of unknown mineral samples #1-10.

Mineral No.	Color	Luster	Hardness (will it scratch glass?)	Special Properties	Mineral Name	Comments
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

*Not all columns of the table will be utilized for all minerals. Only fill in the columns relevant to identifying your mineral.

1. Samples 7 and 9 share many similar characteristics. What properties helped you tell them apart?
2. Samples 6 and 10 share many similar characteristics. What properties helped you tell them apart?
3. Some minerals have varying forms and classifications but are still the same mineral structurally. Which of the samples you identified appear to have the most similar characteristics?