

ISC1004 LAB WORKSHEET 2

Minerals and Rocks

OBJECTIVES:

Upon completion of this lab, the student should be able to:

- ✓ Define the term *mineral*
- ✓ Differentiate between mixtures and compounds
- ✓ Relate mineral properties to their structure and chemical make-up
- ✓ List the index minerals on the Moh's Hardness Scale
- ✓ Calculate the specific gravity of a mineral specimen
- ✓ Identify the most abundant elements in the earth's crust and the minerals they commonly form
- ✓ Identify the processes involved in the lithification of sedimentary rock
- ✓ Identify the agents involved in the metamorphic process
- ✓ Use simple flow charts and visual observations to identify common igneous, sedimentary, and metamorphic rocks

MINERALS

1] What is the definition of a mineral? Based on the definition, is water ice a mineral?

2] How do a compound and a mixture differ? Is a mineral a mixture or a compound?