

Canon City Geology Club

INTRODUCTION TO MINERAL IDENTIFICATION
A hands-on lab of basic mineral-identification techniques
Presented by

Dr. Bob Carnein

Saturday, April 23th, 1:00-4:30PM.

Class will be held at: The Hive 729 Main Street, Canon City .

Dr. Bob Carnein of Florissant has taught mineralogy to students for over 38 years. He will introduce the major properties that are useful for beginners to identify 9 common minerals. These "physical properties" include hardness, cleavage and fracture, luster, streak, reaction to weak acids, and others. When you are finished, you should be able to use the same principles and properties to identify minerals you find in the field. Also, he will explain the Mohs Hardness Scale using a set of the first 9 minerals of the hardness scale to practice on.

This lab is appropriate for all ages 8 through adult; children are encouraged to bring their parents.

You must be a current member of CCGC to take this class. No membership renewals at the class.

There is a \$5 fee for this class, payable at the door.

Register by email. The contact person for this class is Greg Sharp. Email address harleyguitar9@gmail.com. Register by email, with fee payable at the door. Sign ups must be received by April 20th.

If you have any questions you can reach Greg at 719-429-7919.

Limit of 17 people. Please notify Greg if you have to cancel, so others can get in.

** Each participant will need to supply his/her own 'test kit', consisting of these items:

- a small magnet (a refrigerator magnet will work)
- a penny or a nickel
- a pocket knife or steel nail
- a small glass jar or bottle
- a transparent container (jar or bottle) containing vinegar
- a pen or pencil
- a list of minerals of the Mohs hardness scale (just Google it)
- a jeweler's loupe or magnifying glass