

A

Notice the small size for the crystals in this rock, you cannot see them with the naked eye. Also notice the slight shine on the rock's surface. Viewed from the side you would see a structure similar to layers.



B

Notice the small size for the crystals in this rock, you cannot see them with the naked eye. Also notice the greater shine on this sample compared to the previous. shine on the rock's surface. The greenish color indicates the presence of the mineral chlorite.



C

In this sample the mineral crystals are larger than either of the previous rocks. Here you can see individual crystals, indicated by the arrows. Also notice that the larger crystals are oriented in the same direction.



D

In this sample the mineral crystals are fairly large. Most noticeable though is how different minerals are sorted into bands, giving the rock a striped appearance.



E

In this sample the mineral crystals are quite small, too small to be seen unaided. Although the constituent minerals are crystalized, they appear to be sediment grains.



F

In this sample the mineral crystals are quite large, indicated by the arrows. The general appearance of this sample is quite similar to one of the sedimentary rocks from the previous lab. The primary differences is that the grains have begun to crystalize.



G

In this sample the mineral crystals are quite large, but their boundaries are obscured by their growth during metamorphism. Apart from the regrowth, the general appearance of this sample is quite similar to one of the sedimentary rocks from the previous lab. The rock is comprised almost entirely of one minerals.

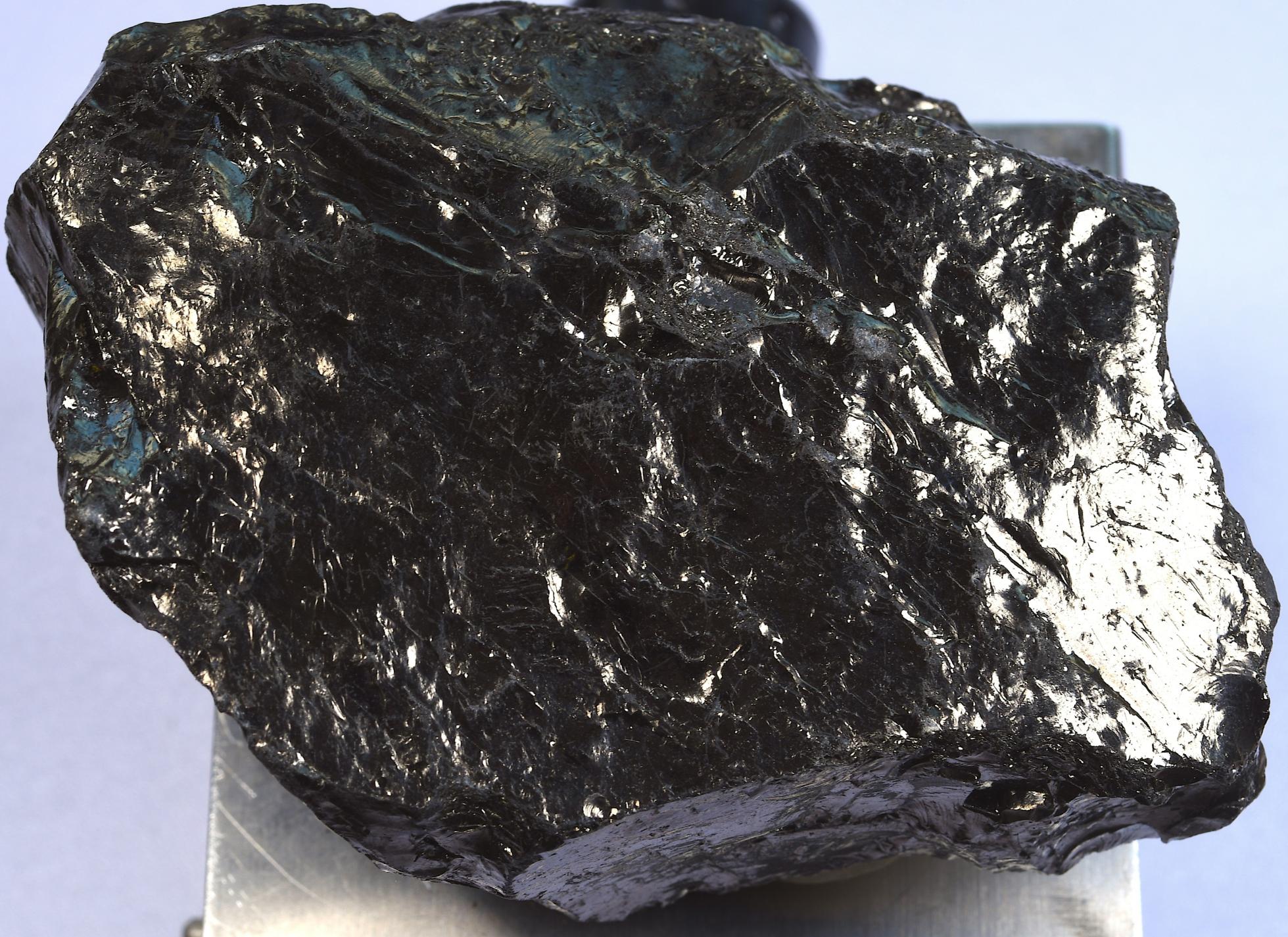


H

In this sample the mineral crystals are quite large, but their boundaries are obscured by their growth during metamorphism. The general appearance of this sample is quite similar to the previous sample, though they are made of different minerals. This mineral is much softer and reacts to acid.



Note the dark color of this rock and its resemblance to one of your sedimentary rocks. The only noticeable feature is the bright shine on its surface. The color indicates a high carbon content.



J

In this sample the mineral crystals are quite large and you can see three different minerals. The white mineral is calcite, the green is a mineral called epidote, and the red is garnet.

