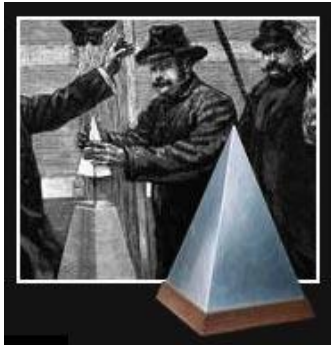




## Aluminum or Gold...Which is more valuable? It depends.

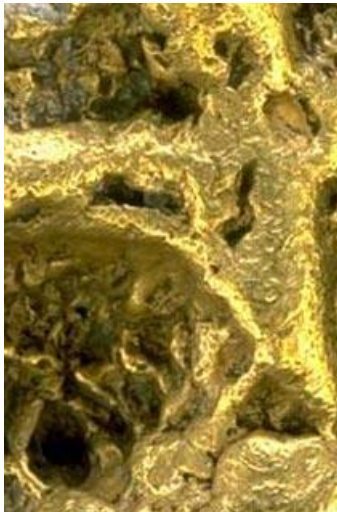
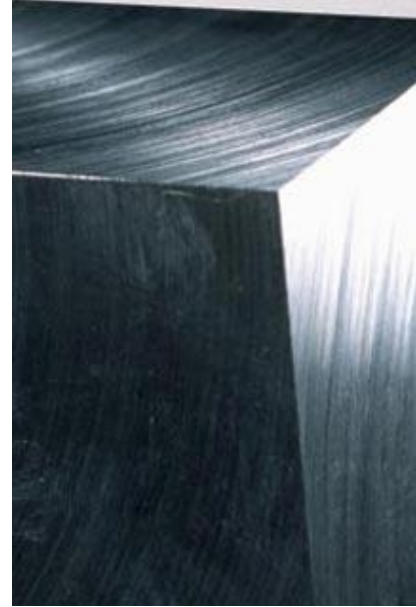
### Aluminum

Abundant and versatile, aluminum is now cheap and widely available. But early in the 19th century, the French Emperor Napoleon III served food to his most distinguished guests on aluminum plates. Why was



When the Washington Monument was dedicated in 1885, it was topped with an aluminum cap. At that time, aluminum's price rivaled silver's.

aluminum—the most abundant metal in Earth's crust—once so precious? For many years after its discovery in 1825, aluminum was extremely difficult to remove from rocks. In 1886, when an inexpensive method of extraction was developed, aluminum suddenly became cheap and widely available.



### Gold

Glittering and durable, gold has historically been a symbol of wealth and power. Yet today, gold is a workhorse metal for high technology. Why is gold so valuable? Gold is scarce. Throughout all of history, only about 116,000 metric tons have been found—enough to make a cube about 18 m (59 ft) on a side. Gold is beautiful. Ancient cultures equated its brilliance with the Sun's, and we still prize its glow in jewelry and ornaments. Gold has properties valuable to industry, such as excellent electrical conductivity and corrosion resistance.

Sun rays flare out from this famous gold mask of Inti, the sun god of the Incas.



# Minerals in the U.S.A.

In this word search are the names of minerals found in the United States of America. The names can run left to right, right to left, top to bottom, bottom to top or diagonally. When you are done, use the internet and find information and pictures of each mineral.

R A R S T A U R O L I T E F T  
Q H P E T I R A B A M W T R O  
U R O C V T O P A Z U A G A U  
A F R D G L K T A B S V B N R  
R F L U O R I T E U C E Z K M  
T N A I L C X S L P O L E L A  
Z E J E D S H F Y G V L T I L  
O P M E R C U R Y Y I I I N I  
S T B V I R I U O P T T O I N  
K U N Z I T E T S S E E T T E  
B N I E E S H I Z U I K I E T  
D I A M O N D L B M E T N N R  
E T I L A H P E C O P P E R O  
D E T I C L A C V D W R B A N  
D A T O L I T E A N E L A G A

Mineral names in this word search:

Copper; Fluorite; Galena; Staurolite; Rhodochrosite; Tourmaline; Garnet; Gold; Silver; Pyrite; Halite; Benitoite; Neptunite; Wavellite; Quartz; Barite; Diamond; Mercury; Sulfur; Gypsum; Topaz; Kunzite; Rutile; Trona; Muscovite; Datolite; Calcite; Franklinite.

