Element Name: Selenium  
Element Symbol: Se  
Atomic Number: 34  
Atomic weight: 78.96(3) g/mol

Picture of your element (as an element)

Picture of the element (as it is commonly used)

Description of the Element  
Physical Properties:
State of matter at room temperature: solid
Melting point temperature: 430°F
Boiling point temperature: 1265°F
Density: 4819
Color: red and gray/metallic
Texture smooth
Hardness
Malleability
Ductility
Conductivity: yes

Chemical Properties:
Flammability: no
Photosensitivity: yes
Combustibility: none
Toxicity: not very high

Discovery of the Element
Who discovered the element? 1817 by Swedish chemist Jöns Jakob Berzelius
Where was it discovered? Sweden
What are the uses of the element? Use in dandruff Shampoo
When was it discovered? 1817
What are a few of the common uses or the historical uses of this element?
List the way(s) in which the element appears naturally. How is it mined or extracted from the ground? Selenium is occasionally found as the free element. Minerals are rare and selenium is normally extracted as a by-product from copper production.
What are the main compounds formed by this element and the industrial uses of these compounds? Used in photovoltaic cells, photocopiers, solar cells, and semiconductors. Because it is a powerful photoconductor, gray selenium is valuable as a light sensor and is used in robotics, light-switching.

What are the main environmental concerns about this element? Can be a toxin. Are its compounds causing pollution? It could be a by-product of refining copper. Sheep grown in areas containing deficient amounts of selenium in the soil develop "white muscle disease.

Five fun facts:
1. used in shampoo
2. used in photocopiers
3. used in robotics
4. used in light sensors
5. It looks cool.
Please list five fun facts you have learned about your element during the course of this webquest.
Selenium