GROUP 16 OXYGEN FAMILY

CHARACTERISTICS

- occur naturally as free elements and in combined states
- consist of three nonmetals (oxygen, sulfur, and selenium), one metalloid (tellurium), and one metal (polonium)
- consist of atoms that have six electrons in their outermost energy level
- tend to form covalent compounds with other elements
- exist in several allotropic forms

Sulfur is found naturally in

underground deposits and

in the steam vents near

volcanoes.

- tend to exist as diatomic and polyatomic molecules, such as O₂, O₃, S₆, S₈, and Se₈
- commonly exist in compounds with the -2 oxidation state but often exhibit other oxidation states







