



evropský
sociální
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání
pro konkurenceschopnost



PARDUBICKÝ KRAJ

OXIDES

Hematite

It can be identified by its characteristic red streak. It is widely distributed and forms the most abundant and important ore of iron. The name is derived from a Greek word meaning blood.

Corundum

The red gem variety is called ruby, one of the most valuable of gems. The blue gem variety is called sapphire.

Magnetite

Strongly magnetic. It is named for the locality Magnesia, Greece. A fable ascribes its name to a shepherd named Magnes, who first discovered the mineral on Mount Ida after noticing that nails of his shoes and the iron ferrule of his staff adhered to the ground.

Cassiterite

The primary ore of tin.

Bauxite

The primary ore of aluminium. This mineral is known as solid electricity, in allusion to the amount of energy it takes to process the ore. This is why aluminium is so highly sought-after for recycling. It was named after the locality at Baux, France.

Quartz

The most common and abundant of all the minerals. It is found in an impressive range of varieties and colors, the purple variety is amethyst, which gets its colour from small amounts of ferric iron, the yellow variety is called citrine, while the dark variety, smoky quartz, is formed from exposure to radioactive material