

Vanadinite



Vanadinite is a rare mineral known for its vibrant colours and unique properties, primarily composed of lead, vanadium, oxygen, and chlorine.

A member of the apatite group, it typically forms in the oxidized zones of lead ore deposits, particularly from the oxidation of galena.

The mineral is characterized by its hexagonal crystals, which can range in colour from reddish-brown to bright red. It is primarily found in arid regions and is often associated with other minerals such as wulfenite, limonite, and barite.

It is a significant source of vanadium and lead, which are essential in various industrial processes, including steel production.

Due to its striking appearance, vanadinite is often used in jewellery making and as a decorative stone.

