

Externally it is either rough or granulated, and very feebly glimmering.

Internally, on the fresh fracture, it is usually glistening, inclining to glimmering, sometimes shining, and the lustre is metallic.

The fracture is small and fine-grained uneven, sometimes imperfect, and curved foliated; rarely narrow, straight, and scopiform radiated.

The fragments are indeterminate angular, and rather sharp-edged.

It occurs in thin, curved lamellar distinct concretions, and seldom in small and fine granular concretions.

It is semihard in a high degree.

It is very difficultly frangible.

It is sectile.

The streak is shining and metallic.

When struck, it has a ringing sound, and emits an arsenical odour.

Specific gravity, 5.7249–5.7633, *Brisson*; 5.670, *Kirwan*.

#### *Chemical Characters.*

Before the blowpipe it yields a white smoke, diffuses an arsenical odour, burns with a blue flame, is gradually and almost entirely volatilised, and deposits a white coating on the coal.

#### *Constituent Parts.*

It usually contains a small portion of iron, and when it occurs with gold or silver ores, a little gold or silver.

*Geognostic*