188

COPPER.

1. Rhomboidal four-sided prism, in which the lateral planes meet under angles of 96° and 84°, bevelled on the extremities, the bevelling planes set on the acute edges.

2. The preceding figure, in which the obtuser edges are more or less deeply truncated.

The planes of the crystals are smooth, shining, and splendent.

Internally it is shining or glistening, and the lustre is vitreous, inclining to resinous.

The fracture is imperfect foliated; the cross fracture is small conchoidal.

The fragments are indeterminate angular.

The massive varieties occur in coarse and small granular distinct concretions.

It is translucent, but the crystals are sometimes trans-

It yields a straw-yellow coloured streak.

It scratches fluor-spar and heavy-spar, but does not affect glass.

It is sectile.

Specific gravity, 4.280, Bournon.

Chemcial Characters.

Before the blowpipe, it first boils, and then gives a hard reddish-brown scoria.

Constituent Parts.

Oxide of Copper, Arsenic Acid,	Tedlar United	60.0 39.7
		99.7

Chenevix, Phil. Trans. 1801.

Geognostic