

Internally the foliated fracture is splendid; the radiated fracture only shining.

The fracture is perfect foliated, and the cleavages are parallel to the sides and to the short diagonal of a slightly oblique rhomboidal prism; the latter cleavages are very distinct, the others less so; sometimes also the fracture is narrow and promiscuous radiated.

The fragments are indeterminate angular.

The foliated varieties occur in large and coarse granular distinct concretions.

It is soft and very soft.

It soils.

It is brittle, inclining to sectile.

It is easily frangible.

It is heavy.

Specific gravity, 6.4672, *Brisson*; 6.131, *Kirwan*.

#### *Chemical Characters.*

It melts in the flame of a candle. It is volatilised before the blowpipe, and deposits on the charcoal a yellow crust, which becomes white on cooling.

#### *Constituent Parts.*

Bismuth,	-	-	60
Sulphur,	-	-	40
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			100

*Sage* in Mem. de l'Acad.  
d. Sc. 1782, p. 307.

#### *Geognostic Situation.*

It occurs in veins, and is usually accompanied with native bismuth, grey cobalt-ore, cerite, sparry ironstone, arsenical-

F f 3

arsenical-