

The fragments are indeterminate angular, and sharp-edged.

It scratches glass, and gives few sparks with the steel.

It is opaque.

The streak is dull; the powder brownish-black.

It is brittle.

It is difficultly frangible.

Specific gravity, 5.918, *Hatchett*. 7.15 to 7.65, *Wollaston*. 7.953, *Eckeberg*. 7.3, *Klaproth*.

#### *Chemical Characters.*

Before the blowpipe, without addition, it suffers no other change than a diminution of lustre. It is insoluble in glass of borax.

#### *Constituent Parts.*

	Finland.	Finland,	Finland,	N. Ame- rican or Columbite.
Oxide of Tantalum,	83	85	88	80
Oxide of Iron,	12	10	10	15
Oxide of manganese,	8	4	2	5
	—	—	—	—
	103	99	100	100
<i>Vauquelin</i> in <i>Hauy, Tabl.</i> p. 308.	<i>Wollas-</i> <i>ton, in</i> <i>Ph. Tr.</i> 1809.	<i>Klaproth,</i> <i>Beit. b. v.</i> <i>s. 5.</i>	<i>Wollas-</i> <i>ton, in</i> <i>Ph. Tr.</i> 1809.	

#### *Geognostic and Geographic Situations.*

It occurs disseminated in a coarse red granite, at Brokärns Zinnsgute in the parish of Kemito in Finland; and the specimen examined by Mr Hatchett is said to be from Massachusetts Bay in North America.

#### *Observations.*