

Constituent Parts.

	Tunnaberg.	Tunnaberg.
Cobalt, -	44.00	36.66
Arsenic, -	55.00	49.00
Sulphur, -	0.50	Iron, 6.50
	—	5.66
	99.50	—

Klaproth, Beit. b. ii.
s. 307.

Tassaert in An-
nal. d. Chim.
xxviii. p. 82.

Geognostic Situation.

It occurs in primitive rocks, particularly in a quartzose mica-slate, and in gneiss, in imbedded masses, intermixed with the rock at their line of junction; also disseminated, and in imbedded crystals. It is associated with copper-pyrites, iron-pyrites, and red cobalt-ochre.

Geographic Situation.

It occurs principally at Skutternd in the parish of Modum in Norway; at Tunnaberg in Sweden; and in small quantity at Queerbach in Silesia.

Uses.

This is the most common species of cobalt, and is that from which the cobalt of commerce is principally obtained. When roasted and melted in certain proportions with pounded quartz, it forms *smalt*, a compound which is highly useful in the manufacturing of porcelain and glass, and also for painting.

The other species of cobalt are employed for similar purposes.