

Large sample, no number.

Biotite (100-125 mesh)

Davis pyrite mine, Rowe, Massachusetts

SiO ₂	37.49
TiO ₂	1.49
Al ₂ O ₃	18.54
Fe ₂ O ₃	-
FeO	14.35
MnO	0.19
MgO	15.03
CaO	-
Na ₂ O	0.33
K ₂ O	8.10
H ₂ O (-)	-
H ₂ O (+)	4.13
CuO	0.03
BaO	0.56
<u>S</u>	<u>-</u>
Total	100.24

Trace elements found spectroscopically.
Ag, Zn, Pb, Ga, Zr, V

Biotite sample seems to have other
impurity than Chlorite that was dissolved
slowly in HF and HNO₃

Analyst: Jun Ito, Feb. 1962.