

УДК 553.068.7+551.732(-234.372.44)

© 1992 г.

Д. чл. *Н. Т. СОКОЛОВА, В. А. ГРИНЕНКО, В. И. УСТИНОВ, А. Л. ДЕВИРЦ,  
Н. Н. КОНОНКОВА, Е. Я. ЩЕРБОВСКИЙ*

**ФОРМЫ НАХОЖДЕНИЯ РУДНОГО ВЕЩЕСТВА  
В МЕТАМОРФИТАХ КЕМБРИЯ, ЗАПАДНЫЕ РУДНЫЕ ГОРЫ**

*N. T. SOKOLOVA, V. A. GRINENKO, V. I. USTINOV, A. L. DEVIRTZ, N. N. KONONKOVA, E. YA. SHCHERBOVSKY. ORE-FORMING SUBSTANCE NATURE AND FORMS OF INCORPORATION WITHIN METAMORPHIC ROCKS OF THE WESTERN ORE MOUNTAINS, GERMANY*

Forms of ore-forming elements (Ag, Sn, W, Zn) incorporation within Cambrian metamorphic schists have been established using mineralogy and petrography methods, chemical and microprobe analyses. Large porphyroblasts of albite in mica schist contain microinclusions (3—30 mcm) represented by solid solution of silver with tin, tungsten and zinc. There are some isotopic data for oxygen and hydrogen indicating for possible sources of hydrothermals which could take part with ore formation.