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Rubtsovskoe Deposit (North-West Altai, Russia): Mineralogy of the Oxidation Zone

Famous Mineral Localities



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There are 96 pages, with 167 illustrations including 153 mineral photos and 44 chemical analyses of 17 minerals.

This issue of the *Mineralogical Almanac* is devoted to the mineralogy of the oxidation zone of the Rubtsovskoe base-metal deposit located in the north-west part of Rudnyi Altai (Altai Krai, Russia). This deposit, that has been operated as the Rubtsovsky mine of *Siberia-Polymetals* OJSC since 2005, became famous due to remarkable finds of supergene minerals. Uniquely rich iodide mineralization was discovered here. Rubtsovskoe is also a source of top-level specimens of native copper, cuprite, marshite, miersite, and iodargyrite. The issue contains the results of original mineralogical studies of the oxidation zone of the Rubtsovskoe deposit; 40 supergene minerals are described.

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Front Cover photo Complicated auto-epitactic cluster of **cuprite**, 7 cm.
Specimen: *Russian Minerals* Company. Photo: Michael B. Leybov.

First Page Photo Native **silver** on **cuprite**, 2.5 cm. Private collection. Photo: Michael B. Leybov.

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