



U.S. Geological Survey Professional Paper Volume 96 (Paperback)

By Geological Survey

Not Avail, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917 Excerpt: .capping of decomposed porphyry. These waters, which were charged with copper derived from the weathering mass, percolated downward through the mineralized porphyry, and by chemical reaction with pyrite or with chalcopyrite deposited their copper, thus converting the previously subgrade material into ore (cementation enrichment). The most marked features of igneous metamorphism and mineralization along the mineralbearing zone, aside from the alteration of porphyry masses, are crystallization of limestone, bleaching of limestones and shales, formation of lime-bearing silicates and of jasperoid, and very general impregnation with pyrite. The total amount of introduced pyrite is very great, and this mineral is almost everywhere accompanied by minor amounts of chalcopyrite. Garnet, epidote, diopside, wollastonite, and tremolite are in places prominently developed. These silicates are invariably accompanied by metallic sulphides, mainly by pyrite, but in many places this mineral has chalcopyrite associated with it. In a few places zinc...



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[7.7 MB]

Reviews

This created publication is excellent. It generally does not price a lot of. You may like just how the writer create this pdf.
-- **Jo Kuhlman**

If you need to adding benefit, a must buy book. I am quite late in start reading this one, but better then never. I am happy to inform you that this is the best book i have read through during my own lifestyle and can be he best publication for at any time.

-- **Mrs. Phoebe Schimmel**