



## The School of Mines Quarterly Volume 12 (Paperback)

By Columbia University Henry Mines

Rarebooksclub.com, 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. 1891 Excerpt: .as a nucleus, which then became enveloped by a thin film of silica, thickening slowly into regular agate-bands of various tints, through deposition on the surface. This phenomenon was first observed at the bottom of one of the test-tubes, which during the writer s absence in the field had been neglected for nearly two years, and in which the metallic salts (chloride of gold and sulphate of iron) were exhausted. Above the layers of agate a dendritic siliceous structure had been developed, and over this again a cloudy deposit of micro-crystalline silica, which surrounded the metalliferous fibres and extended to the end of the tube (a distance of fully twelve inches). Wherever this siliceous deposit touched the wall of the tube it showed plainly metallic gold, partly in microscopic crystals arranged in star-like groups, partly in bright lamina and symmetrical octahedrons. The experiments here described are...



## Reviews

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