Geology and Geochemistry of the Copper Canyon Porphyry Copper Deposit and Surrounding Area, Lander County, Nevada - Ted G. Theodore - 1975

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Geology of the Tanamá and Helecho Porphyry Copper Deposits and Vicinity, Puerto Rico - 1985

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Geology and Hydrothermal Alteration of the Glen Oaks Porphyry Copper Occurrence, Yavapai County, Arizona - Joe Allen Hennessy - 1981

Geological History of Alteration and Mineralization at the Yerington Porphyry Copper Deposit, Nevada - Jonathan Greenway Price - 1977

Gold in Porphyry Copper Systems - Edwin W. Tooker - 1990

Gold in Porphyry Copper Systems - Edwin W. Tooker - 1990

Geostatistics for the Mining Industry - Xavier Emery - 2020-12-28

This book covers the main mining issues where geostatistics, a discipline founded in the 1960s to study regionalized variables measured at a limited number of points in space, is expected to play a role. Each chapter of the book is associated with a stage of the mining sequence, including the interpretation and geological modeling of mineral deposits, evaluation of in-situ and recoverable resources, long-term mine planning, short-term planning and ore control, geotechnics, geometallurgy and sampling. This work, featuring more than 150 illustrations, avoids the traditional laborious and crippling theoretical treatment of geostatistics and is systematically oriented toward a practical exhibition of the problems and proposed solutions. The writing is fluid and intended to involve the reader. The book is the fruit of more than 35 cumulative years of applied research by the authors, a professor at the University of Chile and a researcher at Mines ParisTech, carried out in collaboration with the Chilean company Codelco since the late 1990s. Despite focusing on copper porphyry deposits, the generalization of the methods presented to the entire mining industry is straightforward. The broad range of problems addressed, including generally neglected disciplines such as geotechnics, geometallurgy and sampling, and their practical presentation make this book unique and usable by a very wide audience – students, researchers, geologists, engineers, geotechnicians and metallurgists.

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Deposit and Surrounding Area, Lander County, Nevada - Ted G. Theodore - 1975

The Geologic History of Supergene Enrichment in the Porphyry Copper Deposits of Western United States - Sterling Smith Cook - 1995

The Geologic History of Supergene Enrichment in the Porphyry Copper Deposits of Western North America - Sterling Smith Cook - 1995

Geology of the Moonlight Valley Porphyry Copper Deposit, Lights Creek, Plumas County, California - Michael James McFarlane - 1981

Geology of the Moonlight Valley Porphyry Copper Deposit, Lights Creek, Plumas County, California - Michael James McFarlane - 1981


Geology of the Royston Porphyry Copper Prospect, Nye and Esmeralda Counties, Nevada - Charles Eric Seedorff - 1961

Geology of the Royston Porphyry Copper Prospect, Nye and Esmeralda Counties, Nevada - Charles Eric Seedorff - 1961

Discovery of Oyu Tolgoi - Sergei Diakov - 2018-11-19

Discovery of Oyu Tolgoi: A Case Study of Mineral and Geological Exploration provides a detailed account of the exploration for copper deposits that took place in Mongolia in the mid-1990s, an exploration that was first started by Magma Copper and then continued by BHP Billiton World Exploration Inc., and which subsequently led to the discovery of Oyu Tolgoi, a major metal mine. This book commemorates the 20-year anniversary for the global mining industry, including details on exploration methods, the tools applied throughout the discovery, and how the applied models evolved over the course of the execution of the exploration program. In addition, the book presents how the knowledge of the team evolved as they further understood the regional geology and the necessary geological conditions for a significant porphyry discovery. Includes a detailed description of the antiquity of the Oyu Tolgoi mine discovery, a major copper-gold porphyry deposit offers practical lessons for exploration companies through coverage of the critical factors that lead to the success of the discovery, along with the institutional factors that hindered discovery. Features nearly 70 never-before-seen full-color illustrations and photos of Oyu Tolgoi.

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Geology of the Round Top Porphyry Copper-molybdenum Deposit, West-central Alaska - Timothy Donovan Harris - 1985

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A descriptive resume of deposits of the porphyry type and an evaluation of potential areas for discovery of new deposits.

The Potential for Porphyry Copper-molybdenum Deposits in the
A descriptive resumé of deposits of the porphyry type and an evaluation of potential areas for discovery of new deposits.

Porphyry Copper Systems of Southern Arizona - Frederick T. Graybeal - 2007