

# Geology of the porphyry copper deposits of the Western Hemisphere

**Society of Mining Engineers of the American Institute of Mining, Metallurgical, and Petroleum Engineers - Geological characteristics and environment of some porphyry copper occurrences in the southwestern Pacific**



Description: -

- City planning.

Earthquake engineering.

Porphyry -- America.

Copper ores -- America. Geology of the porphyry copper deposits of the Western Hemisphere

-Geology of the porphyry copper deposits of the Western

Hemisphere

Notes: Includes bibliographies and index.

This edition was published in 1978



Filesize: 33.14 MB

Tags: #Geological #characteristics #and #environment #of #some #porphyry #copper #occurrences #in #the #southwestern #Pacific

## Magmatic hydrothermal deposits

It appears that the felsic to 46 intermediate plutonic rocks have intruded into their own volcanic pile 1 to 2 m. A summary of the porphyry copper control areas, evidence feature classes, training site characteristics, and site densities, integrated for all tract areas in the Mexico assessment, is given in. Acknowledgments The authors would like to thank Dr.

## Pliocene

Significantly, the juvenile arc lower crust possibly inherited the arc magma characteristics of abundant in F, Cl, and Cu and high oxidation state, which contributed to the porphyry Cu—Mo deposits in the Gangdese porphyry copper belt. Finally, primary ilmenite is much more abundant than magnetite in all igneous rock samples studied. Canadian Institute of Mining and Metallurgy, Bulletin, v.

## Mineral adequacy, exploration success, and mineral policy in the United States

Inclusions are elongate and irregular ranging in size from 3 to 11  $\mu\text{m}$  in long dimension.

## List of copper mines in the United States

Geological Survey Mineral Resources Program, which funded this project.

## List of copper mines in the United States

There are 74 high-ranking score 8—20 ASTER polygons in the study area ;.

## **porphyry copper deposit of myanmar**

For the Laramide Southeast tract, the normalized areas under the performance curve statistics are 0. USA Sample BH-1 BH-2 BH-3 BH-4 BH-5 LC-1 LC-2 LC-3 NF-1 NF-2 NF-3 NF-4 NF-5 Pyrite Py Py Py Py Asp Py Py Py Py Py Py Py Py Delta 3 4S 2. Economic Geology Monograph 9, p.

## **Magmatic hydrothermal deposits**

The geochemical and isotopic features recorded in our study suggest mantle-derived magmas with no significant supracrustal input for the source of the porphyry.

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