

Gold and copper-zinc metallogeny within metamorphosed greenstone terrain: Hemlo-Manitouwadge-Winston Lake, Ontario. edited by R.H. McMillan and D.J. Robinson

Geological Association of Canada - epithermal au



Description: -

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Hemlo

Gold - OntarioGold and copper-zinc metallogeny within metamorphosed greenstone terrain: Hemlo-Manitouwadge-Winston Lake, Ontario. edited by R.H. McMillan and D.J. Robinson

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Pyrite of distinctive isotopic composition from the Hemlo deposit: A potential tool to identify this type of gold mineralization in Archean terrain

Cumulative production in the 20 years since discovery is in excess of 12.

hydrothermal gold mineralization: Topics by Science.gov

Extraterrestrial helium in seafloor sediments: Identification, characteristics and accretion rate over geologic time.

Copper, Zinc, and Lead Mineral Prospectivity Mapping in the North of Tafresh, Markazi Province, Central Iran, Using the AHP

Ammonium feldspar seems to precipitate relatively late in the crystallization sequence and shows evidence for replacement of NH_4^+ by K^+ or other monovalent cations. Gold is present almost exclusively in the fluvial sediments. We infer that Au was transported as Au-S complex, in particular as Au HS° .

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Hydrothermal quartz, metastable low temperature cristobalite and amorphous silica show characteristic morphology and crystallinity depending on their formation processes and kinetics under wide range of temperature, pressure, acidity and thermal history.

Mesothermal and Greenstone Gold Deposits AKA Orogenic Geology Formation

Diaplectic glass has the same morphology as the original mineral crystal Fig. Warner et al 1998; Therriault et al 2002.

Mineral Deposits & Earth Evolution (Geological Society Special Publication)

Red Wing Creek is a complex structure, approximately 9 km in diameter, with seismic records and drill-core data indicating a central peak in which strata have been uplifted by up to 1 km, an annular trough containing ECONOMIC RESOURCES AT IMPACT CRATERS crater-fill products, and a partially eroded structural rim Brennan et al 1975; Sawatsky 1977.

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A similar argument holds for Nd isotopic systematics. The very narrow range and near-zero $\delta^{143}\text{Nd}$ values -1. Fluid-wall-rock interactions seem to be the main cause of gold mineralization.

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