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CONTRIBUTIONS TO THE GOLD METALLOGENY OF NORTHERN NEVADA

Richard M. Tosdal
editor

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***Cover photographs**: (**Top**) Raised relief map of northern Nevada showing the major belts of ore deposits, the Battle Mountain-Eureka mineral belt and the Carlin trend, in relation to the mid-Miocene northern Nevada rift along which hot-spring Au-Ag deposits are developed. Also shown are the interpreted distribution of basement types, based on Pb and Sr isotopic mapping, and the transition from intact Proterozoic and Archean crust on the east across thinned continental into regions floored by "oceanic crust" on the west. (**Bottom**) Photograph of gold-rich arsenian pyrite rims on older pyrite and arsenopyrite from the Getchell deposit. Arsenian pyrite-containing gold is typical of sedimentary-rock-hosted or Carlin-type deposits, the largest gold deposits, in Nevada.*

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