known in the Moina Mining District, Tasmania, Australia, which is largely known for its Sn-W skarn and greisen deposits (Collins and Williams, 1986). Lithophile-element skarn is associated with numerous Late Cretaceous, peraluminous, two-mica granitoids across a broad region in the eastern Great Basin of the United States (Barton, 1987; Barton and others, 1988). Significant concentrations of gold have not been reported from this lithophile-element-skarn environment. However, silver is present in many of these lithophile-element skarns in apparently genetically associated silver-base-metal, quartz-carbonate veins (Barton, 1987).

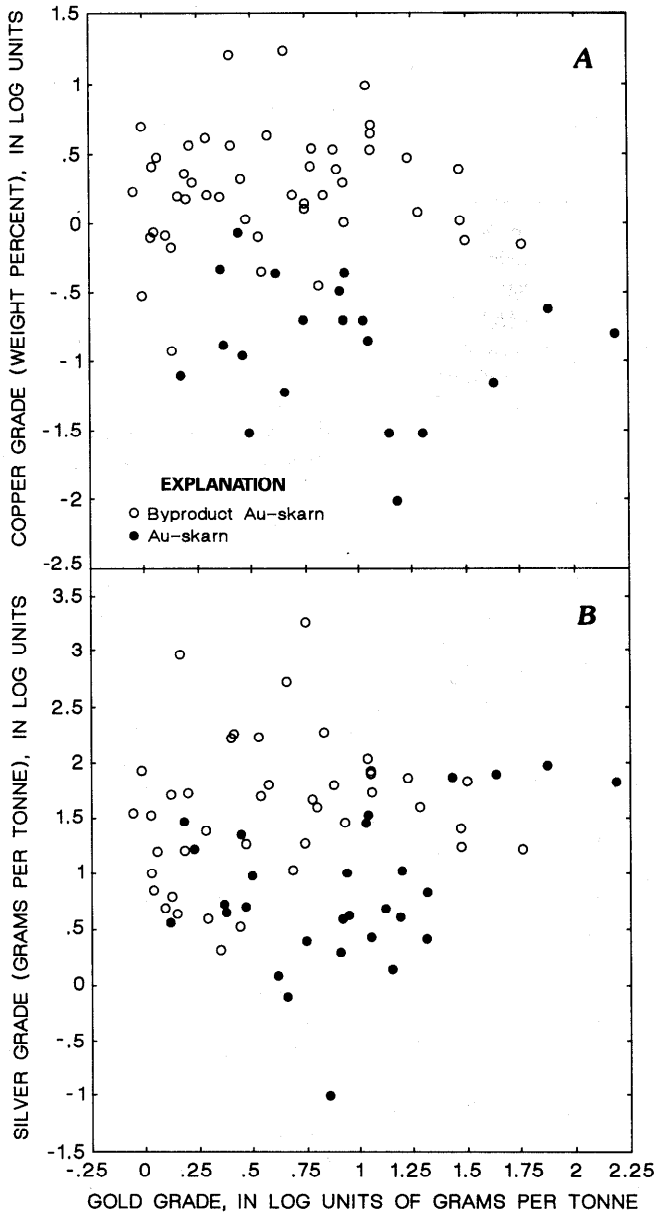

Figure 14. Gold grade compared with copper grade and silver grade. *A*, Gold grade compared with copper grade for Au-skarns and byproduct Au-skarns; *B*, Gold grade compared with silver grade for Au-skarns and byproduct Au-skarns.

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