

- Cu-1
Pt-1
Zn-1
Ag-1
Au-0
- a. Aurum district, White Pine County, Nevada.
 - b. Geographic coordinates: $39^{\circ}37'N$, $114^{\circ}32'W$ ($\frac{1}{2}$).
 - c. Status of exploitation: Dwindling intermittent production of silver and lead into 1957, having decreased from moderate irregular production in 1934-49 that included some copper in most of these years (and into 1951) and considerable zinc in 1940-49. Early production of district, starting in 1871, was chiefly silver.
 - d. References: Smith, J. Fred, Jr., and Wadsworth, A. H., Jr., 1943, Aurum district, White Pine County, Nevada: Mineral Deposits Branch unpublished file report.
 - e. Adequacy of our present knowledge: Inadequate as to geologic setting; district might well rate a project that would include areal mapping.
 - f. Topographic coverage: None
 - g. Major mineralogic and geologic features: Replacement deposits in Cambrian limestone along fault fissures, usually tabular or pipe-like along the fissures but some along the bedding of the limestone. Small stocks of granite porphyry, dikes of syenite porphyry, andesite and granite porphyry that usually strike with limestones but may not conform in dip; age not known. Pyrite, galena, arsenopyrite, chalcopyrite; but most of ore is covellite, smithsonite, anglesite, iron and manganese oxides, and oxidized copper minerals.

Silver in the United States

(Data sheets for individual mining districts, prepared in conjunction with metallogenic map for 1960 International Geological Congress.)

Authorship:

- E. T. McKnight - All districts west of the Mississippi River, except most of those silver-producing districts containing less than 1,000 tons of lead or zinc in the following states: Arizona, New Mexico, Nevada, Oregon and Washington. Also the following silver districts in 4 of the states mentioned: Vulture and Helvetia, Ariz.; *Ash Peak, Miami, Globe,* Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico; Ashwood and Granite, Oregon; Deertrail, Neppalem and Ruby-Concomully, Washington. *White Pine district, Michigan.*
- A. V. Heyl, Jr. - All districts east of the Mississippi River (*except White Pine, Mich.*)
- Harry Klemic and W. L. Newman - Silver districts not associated with lead or zinc, in Arizona, New Mexico, Nevada, Oregon, and Washington (except as listed above).

Size categories of deposits (as penciled in left margins)

	0	1	2	3
Cu	Less than 1,000 tons	1,000 to 50,000 tons	50,000 to 1,000,000 tons	More than 1,000,000 tons
Pb	"	"	"	"
Zn	"	"	"	"
Ag	Less than 100,000 oz.	100,000 to 5,000,000 oz.	5,000,000 to 50,000,000 oz.	More than 1,000,000 oz. <i>50</i>
Au	Less than 10,000 oz.	10,000 to 100,000 oz.	100,000 to 1,000,000 oz.	More than 1,000,000 oz.

(NOTE: Categories for Au are less certain than for others.)

*District No. on
metallogenic map
penciled at lower
right.*