

- a. Robinson (Ely) district, White Pine County, Nevada.
- b. Geographic coordinates: $39^{\circ}15\frac{1}{2}'N$, $114^{\circ}59'W$.
- c. Status of exploitation: An active major producing district for copper, silver and gold, but lead-zinc production has been low, practically all of it since 1917. District believed to have potentialities for lead and zinc.
- d. References: Spencer, A. C., 1917, Geology and ore deposits of Ely, Nevada: U. S. Geol. Survey Prof. Paper 96.
- e. Adequacy of our present knowledge: Adequate. A project is being started in district by A. L. Brokaw.
- f. Topographic coverage: New mapping at 1:24,000 in progress, advance prints available 9/1/59.
- g. Major mineralogic and geologic features: (1) Veinlike and, more particularly, blanket replacement deposits in Devonian, Mississippian and Pennsylvanian limestone, one body in bed of Mississippian siliceous shale; (2) contact metamorphic deposits in limestone; (3) porphyry copper deposits. Plumbosite and monzonite porphyry stocks, Jurassic? (1a) Lead-silver ore with some copper, minor zinc, jasperoid and fluorite gangue, mostly oxidized and some of these with manganese oxide; (1b) pyrite, pyrrhotite, chalcopyrite, minor jack. (2) Pyrite, chalcopyrite, some jack, rare and local galena; lime silicates and jasperoid. (3) Pyrite, chalcopyrite, molybdenite, by-product gold and silver; quartz.

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, Nespalem and Ruby-Conconully, 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 50,000,000 oz.
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