

3540 0012

- a. Paradise Valley district, Humboldt County, Nevada.
- b. Geographic coordinates: 41°36' N., 117°27' W.
- c. Status of exploitation: Discovered in 1868, active from 1879 to 1891, revived in 1907, production from 1909 to 1915. Early production of Ag, Au, and placer Au before 1915 valued at about \$3,000,000.
- d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Reno, Nev. Newsletter Pub. Co., p. 101; Vanderburg, W. O., 1938, \_\_: U. S. Bur. Mines Inf. Circ. 6995.
- e. Adequacy of our present knowledge:
- f. Topographic coverage: inadequate, none.
- g. Major mineralogic and geologic features: Calcareous slate cut by porphyry dikes, and with a great flow of rhyolite to the east. Veins occur in two systems and contain ore only in their narrower portion. Hornsilver at the surface; pyrite, ruby silver, and argentite and sphalerite below. At depth sphalerite increased and precious metal values decreased. Fissure veins in calcareous slate cut by rhyolite dikes.

Cu-0  
Pb-0  
Zn-0  
Ag-1  
Au-1

## 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, <sup>Ash Peak,</sup> and Helvetia, Ariz.; <sup>Miami, Globe,</sup> 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.*