

2320 0014

153

Item# 15

- Cu-0
Pb-0
Zn-0
Ag-1
Au-1
- a. Hilltop district, Lander County, Nevada.
 - b. Geographic coordinates: 40°26'N., 116°48'W.
 - c. Status of exploitation: Discovered in 1907; principal production made between 1912 and 1921. From 1902 to 1836 produced 305,946 oz. Ag, and 15,922 oz. Au, with small amounts of copper and lead.
 - d. References: Vanderburg, W. O., 1939, Reconnaissance of mining districts in Lander County, Nevada: U. S. Bur. Mines Inf. Circ. 7043.
 - e. Adequacy of our present knowledge: Probably inadequate.
 - f. Topographic coverage: ?
 - g. Major mineralogic and geologic features: Quartzite and interbedded silicious shales intruded by tongues of latered granodiorite porphyry. Veins in brecciated quartzite carry free gold and some silver. In places ore occurs in quartzite with no apparent vein structure. Bismuth minerals occur in small amounts, and barite is mined locally.

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, Nappesam 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.*