

- a. Seven Troughs district, Pershing County, Nevada.
- b. Geographic coordinates: $40^{\circ}30'$ N., $118^{\circ}38'$ W.
- c. Status of exploitation: Discovered in 1905. Production 1908-1921 was 551,317 oz. Ag., \$2,300,837 Au. Production 1908-1934: 600,172 oz. Ag; \$2,930,511 in gold. Production 1931-1957; 37,359 oz. Ag, *about 27,400 oz Au.*
- d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Nev. Newsletter Pub. Co., Reno, p. 216-217; Vanderburg, W. O., 1936, Reconnaissance of mining districts in Pershing County, Nev.: U. S. Bur. Mines Inf. Circ. 6902, p. 37-38.
- e. Adequacy of our present knowledge: Inadequate. Brief description by Ransome in U. S. Geol. Survey Bull. 414, 1909.
- f. Topographic coverage: Inadequate, Lovelock, 1931, one degree, 1:250,000.
- g. Major mineralogic and geologic features: Country rocks are Tertiary volcanics. Veins follow basalt dikes which cut the Tertiary rocks. Veins consist of sugary quartz and shattered country rock, with native gold, silver, pyrite, stibnite, chalcopyrite, and proustite.

Cu-0

Pb-0

Zn-0

Ag-1

Au-2

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, Nappels 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 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.*