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Item # 15

- a. Antelope (Cedar) district, Pershing County, Nevada.
- b. Geographic coordinates: $40^{\circ}41'$ N., $118^{\circ}32'$ W.
- c. Status of exploitation: Mining begun in 1905. Majuba mine shipped 4,000 tons of 12% copper ore during World War I. From 1906 to 1928 lessees are reported to have shipped 1,000 tons of ore averaging 40 oz. Ag per ton and 8% lead, and 5,200 tons of ore in dump averaging 17 oz. silver/ton and 8% lead. (Production 1931 to 1957: 91,749 oz. Ag)
- d. References: Vanderburg, W. O., 1936, Reconnaissance of mining districts in Pershing County, Nev.: U. S. Bur. Mines Inf. Circ. 6902, p. 8-11.
- e. Adequacy of our present knowledge: Probably inadequate, may rate study due to the presence of cassiterite. *[already studied by Ward Smith, Bull. - 0]*
- f. Topographic coverage: Area appears to have been surveyed, but only Lovelock, 1931, one degree sheet now covers the area.
- g. Major mineralogic and geologic features: Host rock is tourmalinized rhyolite, shale, limestone, and porphyry. Ore minerals include chalcocite, cuprite and chrysocolla. Arsenopyrite, tourmaline and fluorite are also present. A shoot of tin ore (cassiterite) occurs along fissure containing copper and associated with tourmaline and quartz. Silver-lead ore occurs in limestone near a schist contact.

Cu-1

Pb-0

Zn-0

Ag-1

Au-0

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, ^{Ash Peak,} and Helvetia, Ariz.; ^{Miami, Globe,} Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico: Ashwood and Granite, Oregon; Deertrail, Nespelen 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.*