

1280 0010

109  
Item #10

Cu-0

Pb-1

Zn-0

Ag-2

Au-2

- a. Cortez district, Eureka and Lander Counties, Nevada.
- b. Geographic coordinates:  $40^{\circ}09'N$ ,  $116^{\circ}35'W$ .
- c. Status of exploitation: Fairly continuous though rather modest production of silver, gold and lead in recent years through 1957, increasing in late 1930's to peak in 1940. Main production, however, came in last century, 1863-1900, with smaller and intermittent production in present century, and district is probably approaching exhaustion.
- d. References: Emmons, W. H., 1910, A reconnaissance of some mining camps in Elko, Lander and Eureka Counties, Nevada: U. S. Geol. Survey Bull. 408, p. 100-106.  
Vanderburg, Wm. O., 1938, Reconnaissance of mining districts in Eureka County, Nevada: U. S. Bur. Mines Inf. Circ. 7022, pp. 22-28.
- e. Adequacy of our present knowledge: Inadequate. District has been an important silver producer and would rate a project on this commodity, though probably most mines would be no longer accessible.
- f. Topographic coverage: 1:62,500, 1938.
- g. Major mineralogic and geologic features: Irregular replacement masses in probably Ordovician limestone below quartzite, <sup>partly</sup> in sheeted zones that are parallel to igneous dikes. Granite intrusive, porphyry dikes, age not determined. Galena (very rich in silver), stibnite, pyrite, jack, stromeyerite, tetrahedrite; quartz, calcite.

# 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, Nespelam and Ruby-Conconully, Washington.

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.*