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Item # 18

2810 0017

- Cu-0
Pb-0
Zn-0
Ag-1
Au-1
- a. Lida district, Esmeralda County, Nevada.
 - b. Geographic coordinates: $37^{\circ}27'N.$, $117^{\circ}33'W.$
 - c. Status of exploitation: Discovered in 1871. Small annual production to 1921: about \$163,000 production in Ag, Pb, Au, Cu to 1873. From 1908 to 1921 silver production was 114,094 oz.
 - d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Reno, Nev. Newsletter Pub. Co., p. 76-77.
 - e. Adequacy of our present knowledge:
 - f. Topographic coverage: Inadequate, Lida, 1911, one degree 1:250,000 scale.
 - g. Major mineralogic and geologic features: Cambrian limestones and shales intruded by granite porphyry and by dikes of diorite porphyry. Ore deposits are quartz veins in Cambrian limestone and impregnations of country rock. Oxidized ores are largely replacements of limestone. Sulphides present are galena, sphalerite, pyrite, and chalcopyrite.

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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.; Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico; Ashwood and Granite, Oregon; Deertrail, Nappalam 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.*