4390 0014

(101)
Item # 20

a. Silver Peak (Red Mountain) district, Esmeralda County, Nevada.

b. Geographic coordinates: 37°46'N., 117°36½W.

Cu-0
Pb-0
Zn-0
Ag-2
Au-2

c. Status of exploitation: Discovered in 1863. Estimated production of $1,418,000 of Au, Ag, Pb to 1907 and about $7,000,000 from 1907 to 1922.

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Reno, Nev. Newsletter Pub. Co., p. 81-82.

e. Adequacy of our present knowledge:

f. Topographic coverage: Inadequate; Silver Peak 1898, 30-minute, 1:125,000. Lida, 1911, one degree, 1:250,000.

g. Major mineralogic and geologic features: Paleozoic sedimentary rocks intruded by Cretaceous(?) alaskite. Ore deposits are veins in which ore is overlapping quartz lenses. The gold is finely disseminated in the native state and occurs in pyrite and galena scattered through the quartz. Some rich silver ores occur in the deposits.

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, Nespelem and Ruby-Conconully, Washington. Ash Peak, Miami, Globe, 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.