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Item # 41

a. Cherry Creek (Egan Canyon) district, White Pine County, Nevada.

b. Geographic coordinates: $39^{\circ}54'$ N., $114^{\circ}55'$ W.

c. Status of exploitation: Gold discovered here in 1863, silver in 1864.

Estimates of early production range from \$6,000,000 to \$20,000,000.

Production from 1905-1921 was 310,251 oz. Ag, \$241,044 Au, 321 tons

Pb., 47 tons Cu.

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources

of Nevada: Reno, Nev. Newsletter Pub. Co., p. 243-244; Schrader,

F. C., 1931, Spruce Mountain district, Elko County, and Cherry Creek

(Egan Canyon) district, White Pine County [Nevada]: Nev. Univ.

Bull., v. 25, no. 7.

e. Adequacy of our present knowledge: Inadequate.

f. Topographic coverage: Inadequate, none.

g. Major mineralogic and geologic features: Cambrian(?) quartzites, shales,

and limestones intruded by Cretaceous(?) quartzmonzonite dikes and

small masses. Ore bodies are veins in Cambrian quartzite and in

quartz-monzonite. Two types of deposits grade into each other:

quartz veins with gold, galena, and pyrite, and more important

quartz veins with galena, sphalerite, pyrite, secondary silver

minerals, chalcopryrite, tetrahedrite, chalcocite, copper carbonates

and copper silicate. Molybdenite occurs with pyrite at one prospect.

Cu-0

Pb-0

Zn-0

Ag-2

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, Nesselam 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.*