4250 0024

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Item # 24

a. Sierra (Dun Glen, Chafey) district, Pershing County, Nevada.

b. G ographic coordinates: 40°43' N., 117°52' W.

c. Status of exploitation: Organized in 1863 and the Oro Fino district was annexed to the Sierra district in 1869. About $4,000,000 in placer gold was produced here before 1900. Production 1908 to 1921 was 46,886 oz. Ag, $279,082 Au, 30 tons Pb, and 5 tons Cu. Production from 1931-1957: More than 16,468 oz. Recorded production amounts to at least 63,354 oz. Total production has probably exceeded one million dollars.

Cu-0
Pb-0
Zn-0
Ag-1
Au-2

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Nev. Newsletter Pub. Co., Reno, p. 217-218; Vanderburg, W. O., 1936, ___: U. S. Bur. Mines Inf. Circ. 6902, p. 39-42.

e. Adequacy of our present knowledge: Inadequate.

f. Topographic coverage: Inadequate, Sonoma Range, 1932, one degree, 1:250,000.

g. Major mineralogic and geologic features: Mayflower lode is a banded quartz vein accompanying a diabase dike which cuts across volcanic flows, slate, and limestone. The ore minerals are galena, pyrite, sphalerite, and native gold containing silver. The Auld Lang Syne lode is parallel quartz veins in silicified andesite near a diabase dike and contains pyrite and arsenopyrite. Fissure veins in limestone contain quartz with argentiferous lead carbonate.

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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.; Ash Peak, Miami, Globe, Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico: Ashwood and Granite, oregon; Deertrail, Nespelem and Ruby-Conconully, Washington.

A. V. Heyl, Jr. - All districts east of the Mississippi River (except White Pine, Mich.) White Pine district, Michigan.

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