3560 0064

(318)
Item# 65

a. Peavine district, Washoe County, Nevada.

b. Geographic coordinates: 39°35' N., 119°56' W.

c. Status of exploitation: Discovered in 1863. Small scale production from early days to 1923. Production 1905-1921 was 44,009 oz. Ag., $26,480 Au, 28 tons Pb, 212 tons Cu. Over 24,000 oz. produced from 1934 to 1957. $159,845 produced between 1872 and 1913.

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

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Nevada Newsletter Pub. Co., Reno, p. 237-238. Univ. Nev. Bull. 41, v. 9, 1947, p. 73-80.

e. Adequacy of our present knowledge: Probably adequate.

f. Topographic coverage: Adequate, Reno. 1950, 15', 1:62.500.

g. Major mineralogic and geologic features: Schists intruded by Cretaceous quartz monzonite and flanked by Tertiary andesite flows which are overlain by the Truckee formation of Miocene age. The ore deposits are lenses and veins in the schists and quartz-monzonite, and replacement deposits in andesite and quartz monzonite. Veins cut by dikes of quartz-monzonite. Ore consists of quartz, chalcedony, barite, rhodochrosite, pyrite, chalcopyrite, galena, sphalerite, tetrahedrite, and carries silver and minor gold. Diatomaceous earth, lignite, and oil shale occur in the Truckee beds.

## 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.