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Item #37

a. Winnemucca district, Humboldt County, Nevada.

b. Geographic coordinates: 41°03' N., 117°42' W.

c. Status of exploitation: Discovered by Winnemucca, An Indian, in 1863. Early production valued at about $1,000,000. From 1907 to 1921 - 66,651 oz. silver produced and 47,999 oz. in period from 1950 to 1957.

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

d. References: Lincoln, F. C., Mining districts and mineral resources of Nevada: Reno, Nev. Newsletter Pub. Co., 1923, p. 105-106; Vanderburg, W. O., 1938,___: U.S. Bur. Mines Inf. Circ. 6995.

e. Adequacy of our present knowledge: ?

f. Topographic coverage: Inadequate, none.

g. Major mineralogic and geologic features: Upper Triassic calcareous slate metamorphosed to hornfels, with strata of gray limestone. The slate is intruded by diorite. Oxidized copper deposits that may be of contact metamorphic origin occur along the diorite. Veins containing quartz, calcite, limonite, clay, barite, cinnabar, silver, and gold occur in the slate. Some of these are faulted.

# 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, Ash Peak, Miami, Globe, and Helvetia, Ariz.; 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 1,000,000 oz. 50 |
| 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.