4170 0019

(13)

Item # 18

a. Sand Springs district, Churchill County, Nevada.

b. Geographic coordinates: 39°19' N., 118°25' W.

c. Status of exploitation: Dan Tucker mine located in 1905; little production of gold and silver until 1938. In 1939 production amounted to about $30,000. In 1935-1951 production of silver amounted to 1,262,655 oz. and about 25,000 oz. gold.

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

d. References: Vanderburg, W. O., 1940, ___: U. S. Bur. Mines Inf. Circ. 7093 (and McKnight's tabulation).

e. Adequacy of our present knowledge: Inadequate.

f. Topographic coverage: ?

g. Major mineralogic and geologic features: Country rock is schist, limestone, and andesite. Free gold in veins in silicified zone (E-W) traceable for several mines. Silver chloride and gold in gangue of sugary quartz and crushed andesite.

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 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