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Item #21

a. Groom district, Lincoln County, Nevada (Groom mine).

b. Geographic coordinates: 37°20'N, 115°46'w.

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

c. Status of exploitation: Shut down in 1956; had been in fairly continuous modest production of lead and silver since 1915, though with gaps of as much as 3 years of no production. Reserves are limited by the size of the block of faulted ground permissive for mineralization.

d. References: Humphrey, Fred L., 1945, Geology of the Groom district Lincoln County, Nevada: Univ. of Nev. Bull. vol. 39, no. 5.

e. Adequacy of our present knowledge: Adequate

f. Topographic coverage: 1:62,500, 1952.

g. Major mineralogic and geologic features: Replacement bodies in Cambrian limestone along bedding and irregularly along fissures. Andesite dikes and flows, some rhyolite flows, age and relations to ore deposits not known. Galena relatively low in silver, subordinate jack and pyrite, minor chalcopyrite, possibly tetrahedrite; sparse quartz, calcite.

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. 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 ~~1~~ 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.