(190)
Item # 18

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a. Simon (Bell, Cedar Mountains) district, Mineral County, Nevada. (Simon mine).

b. Geographic coordinates: 38°34'N, 117°52'W.

c. Status of exploitation: Small production of silver, lead and zinc in 1957, the first in several years; district has had modest intermittent production since 1879 but mostly since 1919.

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

d. References: Vanderburg, Wm. O., 1937, Reconnaissance of mining districts in Mineral County, Nevada: U. S. Bur. Mines Inf. Circ. 6941, pp. 17-22.

Knopf, Adolph, 1922, Ore deposits of Cedar Mountain, Mineral County, Nevada: U. S. Geol. Survey Bull. 725, pp. 361-82.

e. Adequacy of our present knowledge: Inadequate as to regional setting, map is reconnaissance only; but district hardly important enough to rate a new project for lead-zinc.

f. Topographic coverage: 1:250,000, 1907.

g. Major mineralogic and geologic features: Replacement deposits in Triassic limestone along both sides of igneous dike. Alaskite porphyry dike, connected with granodiorite mass, age late Jurassic or early Cretaceous. Galena and jack, some pyrite, chalcopyrite and arsenopyrite; jasperoid, 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, 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.