

5370 0011

- a. Wilson (Pine Grove, Rockland, Cambridge) district, Lyon County, Nevada.
- b. Geographic coordinates: $38^{\circ}40'$ N., $119^{\circ}07'$ W.
- c. Status of exploitation: Discovered in 1866 and produced gold, silver, copper, lead and zinc ore totalling more than 60,000 tons, worth over \$766,000. Silver content up to 4.5 oz./ton. Probably rates in cat. 1.
- d. References: Univ. Nev. Bull., v. 44, no. 1, March 1950, p. 95-98.
- e. Adequacy of our present knowledge: Probably adequate, U. S. Geol. Survey Bull. 594, and Investigations relating to scheelite by U.S.G.S.
- f. Topographic coverage: Probably adequate.
- g. Major mineralogic and geologic features: Quartz monzonite with dikes of granite porphyry and capped by rhyolite and basalt flows. Ore occurs in zones of crushing and alteration as interlacing quartz stringers and lenses. Limestones and schists, intruded by monzonite, has yielded garent and scheelite.

Cu-0

Pb-0

Zn-0

Ag-1

Au-2

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 ^{Ash Peak, Miami, Globe,} of the states mentioned: Vulture, ^{and Helvetia, Ariz.;} Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico: Ashwood and Granite, Oregon; Deertrail, Nespelen and Ruby-Concomully, 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 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.*