

- a. Searchlight district, Clark County, Nevada.
- b. Geographic coordinates: $35^{\circ}27\frac{1}{2}'N$, $114^{\circ}55'W$.
- c. Status of exploitation: Piddling production since 1953; district is probably near exhaustion and the remaining ore submarginal under present price conditions. Fairly continuous, though fluctuating production, 1893 to 1953, with production peaks 1903-1907 and in mid-1930's. Essentially a precious metal camp, with by-product lead and copper.
- Cu-0
Pb-1
Zn-0
Ag-1
Au-2
- d. References: Callington, Eugene, 1939, Geology of the Searchlight district, Clark County, Nevada: U. S. Geol. Survey Bull. 906-D, p. 135-188.
- e. Adequacy of our present knowledge: Adequate.
- f. Topographic coverage: New mapping at 1:24,000 in progress, advance prints available 9/1/52.
- g. Major mineralogic and geologic features: Breccia veins in probably early Tertiary autoxylized andesite porphyry and (less important) in older lava flows, volcanic breccia and Pre cambrian gneiss that the porphyry intrudes. Quartz monzonite batholith may be early Tertiary, but mineralization may be much later. Galena, judd, chalcopyrite; quartz, specularite, calcite; but most of ore is oxidized, yielding cerussite, calcite, iron oxides, copper silicates, carbonates, sulfates, vanadinite, wulfenite, mottowite, and carrying values slightly in gold, some silver.

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.; Miami, Globe, Apache, Black Range, Chloride Flat, Georgetown and Lake Valley, New Mexico; Ashwood and Granite, Oregon; Deertrail, Nespelem and Ruby-Conconully, Washington. *Ash Peak, 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