166
Item# 14

1180 0013

a. Comet district, Lincoln County, Nevada.

b. Geographic coordinates: 37°53'N, 114°37'W.

c. Status of exploitation: Last worked in 1954. Has worked intermittently since 1913 with peak on lead and silver in the 1930s; all zinc production since 1943, conciding with another peak in silver but only moderate production of lead. Reserves are low grade.

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

d. References: Westgate, L. G., and Knopf, Adolph, 1932, Geology and ore deposits of the Pioche district, Nevada: U. S. Geol. Survey Prof. Paper 171, p. 75.

e. Adequacy of our present knowledge: Adequate. District is believed to be covered by a report in preparation by Park and Tshantz.

f. Topographic coverage: 1:24,000, 1953.

g. Major mineralogic and geologic features: Bedded replacement of Cambrian limestone enclosed in shale; and steeply dipping quartz vein in quartzite. Quartz monzonite intrusive stock 7 miles from district, granite porphyry dike a little closer, age Tertiary(?). Galena, black jack, pyrite, wolframite; quartz, iron-manganese carbonate.

12

116

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, 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.

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.