1380 0010

(51)
Item # 11

a. Delano district, Elko County, Nevada (Cleveland and Delano mines).

b. Geographic coordinates: 41°40'N, 114°15'W(±).

c. Status of exploitation: Continuous, though fluctuating modest production of lead and silver through 1957 from at least 1933 and possibly from 1918 when production began; some zinc since 1952.

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

d. References: Granger, Arthur E., Bell, M. M., Simmons, G. C., and Lee, Florence, 1957, Geology and mineral resources of Elko County, Nevada: Nev. Bur. Mines Bull. 54, p. 43-48.

e. Adequacy of our present knowledge: Inadequate. The only published report on geology is excerpted from a private report of a mining company, and there is no geologic map, and no fitting of the geology into the regional picture.

f. Topographic coverage: New mapping at 1:62,500 in progress, no prints available 7/1/59.

g. Major mineralogic and geologic features: Bedding replacement deposits in brecciated Paleozoic dolomite(?) at two closely adjacent horizons between limestone and quartzitic sandstone, in general vicinity of faults. No igneous rock reported. Cerussite, galena, minor anglesite, iron oxides; "jasper", calcite; silver occurrence not determined, and zinc occurrence not described.

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.

A. V. Heyl, Jr. - All districts east of the Mississippi River (except White Pine, Mich.) 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 ~~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.