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Item # 20

a. Trinity district (Arabia), Pershing County, Nevada.

b. Geographic coordinates: 40°21' N., 118°33' W.

c. Status of exploitation: Discovered in 1859. Early production was about 30,000 tons of ore with Ag, Pb, Sb, Au, and Cu valued at $30 to $700 per ton. Production from 2 mines grossed about $1,000,000.

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

d. References: Lincoln, F. C., 1923, Mining districts and mineral resources of Nevada: Nev. Newsletter Pub. Co., Reno, p. 220-221; Vanderburg, W. O., 1936,___: U. S. Bur. Mines Inf. Circ. 6902, p. 44-46.

e. Adequacy of our present knowledge: Probably inadequate.

f. Topographic coverage: Adequate, Oreana, 1956, 15-min. quad., 1:62,500.

g. Major mineralogic and geologic features: Cretaceous(?) granodiorite which includes scattered blocks of hornfels derived by metamorphism of Jurassic slate. Ore deposits are fissure veins in granodiorite and hornfels. The veins consist of quartz, argentiferous bindheimite, jamesonite, cerussite, black manganiferous oxide of antimony, gypsum, arsenophyrite, scorodite, plumbojarosite, and jasper. Scheelite occurs with garnet and epidote in contact-altered sediments.

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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 district, Michigan.) 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 ~~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.