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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SILVER NUGGET

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 191

LOCATION: TOWNSHIP 2 N RANGE 15 E SECTION 23 QUARTER E2  
LATITUDE: N 33DEG 29MIN 55SEC LONGITUDE: W 110DEG 47MIN 28SEC  
TOPO MAP NAME: GLOBE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
ZINC  
LEAD  
SILVER  
GOLD

BIBLIOGRAPHY:  
ADMMR SILVER NUGGET FILE

THE GLOBE AREA

Gila County, Arizona

With Fred Henghold, visits were made to three properties in which he is interested in the vicinity of Globe, in east-central Arizona. The Silver Nugget and Nigger mines, in the Globe district, are located north and east of Globe. The Mim mine, in the Pinto Creek district, is west of Globe, near the Pinal county line.

The region is mainly underlain by early Precambrian schist and granite and the late Precambrian Apache group of sediments and diabase. Tertiary (?) granite intrudes these rocks, and dacite flows overlie them in the west and north. Copper is being produced from disseminated deposits at Miami, and has been produced from northeast-striking veins at Globe. Lead and zinc production has been slight, mainly from veins north of Globe.

The Mim Mine

Ag Zn Cu

Mr. Henghold's Mim group of 30 claims is in the Pinto Creek district on the Pinal county line. The main workings are on the Wild Horse claim, at the south end; these were visited on the afternoon of April 10, 1953. To reach the property, turn west off of the Castle Dome road 7.7 miles from Miami, and go roughly west for  $5\frac{1}{2}$  miles, passing the Cactus and Carlota copper mines. Carl Eder, of Globe, owns ground adjoining Mr. Henghold's on the south.

Mineralization consists of lenses of disseminated sulphides, pyrite, sphalerite and chalcopryrite, with quartz, striking north of east in shear zones in diabase and Pinal schist. There are also narrow, slightly mineralized, quartz veins.

On the Wild Horse claim samples from a pit and a 20 ft. shaft 100 ft. apart in the southwest corner of the claim assayed; from the pit, across 4 ft., partly oxidized, 0.02 oz. Au, 5.6 oz. Ag, and 0.45% Cu. A dump sample at the shaft, mostly sphalerite and quartz, with a little pyrite, from a 4 foot zone, ran 0.02 oz. Au, 2.8 oz. Ag and 17.5% Zn. A hole drilled from the center

of Wild Horse claim, southerly at  $40^\circ$  for 227 feet, by Miami Copper Corp. in 1951 reportedly hit three mineralized zones. These zones are said to have assayed,-- in gold: 0.01, 0.01 and trace; in silver: 0.008, 0.12 and trace; in lead: all nil, in copper, all trace; in zinc: 0.04, 1.2 and 0.6.

The best quartz vein assay was a grab from a two-foot vein near the centre of Draw claim. The assays were: 0.09 oz. Au, 6.5 oz. Ag, and 6.1% Cu.

The deposits on this property are too small and low grade to be of interest. Flux assays were all under 0.1%.

The Silver Nugget Mine      Ag      m

This property was visited on April 9th; it is located in Nugget Wash about 7 miles north of Globe, and is reached by a dirt road which leaves Arizona highway 88 three miles northwest of Globe.

Apache group arkose and quartzite outcrops along the wash; There is some limestone, (Martin?) on a ridge to the East. The main workings are a shaft in arkose and several adits and cuts in the limestone. A breccia zone in arkose on the Silver Nugget No. 1 claim has been developed by a 40 foot shaft and short drifts and adits. Two samples, of limonitic material, averaged: Tr Au, 0.4 oz. Ag, 0.88% Pb and 6.3% Zn over 4 feet. The limestone beds dip at  $40^\circ$  to the East; they are slightly silicified and mineralized adjacent to north-south fractures. Some small shipments are said to have been made, for gold and silver. A dump sample, of limestone and silicified limestone with slight cerussite assayed 0.003 oz. Au and 3.4 oz. Ag. A sample across three feet of silicified limestone assayed: 0.01 oz. Au, Nil Ag, 0.19% Pb, 0.5% Zn.

No flux values were found; a dozen samples all ran less than 0.1%. The deposits are too small and low grade for the property to be of interest to the Company.

Nigger Mine A<sub>2</sub>

Two miles north-east of Globe a quartz vein, one to two feet wide, striking north-westerly in diabase, carries low silver values. A dump grab sample, of sugary quartz with traces of galena and cerussite, assayed 0.003 oz. Au, 7.0 oz. Ag and less than 0.1% flux.

Grand Junction

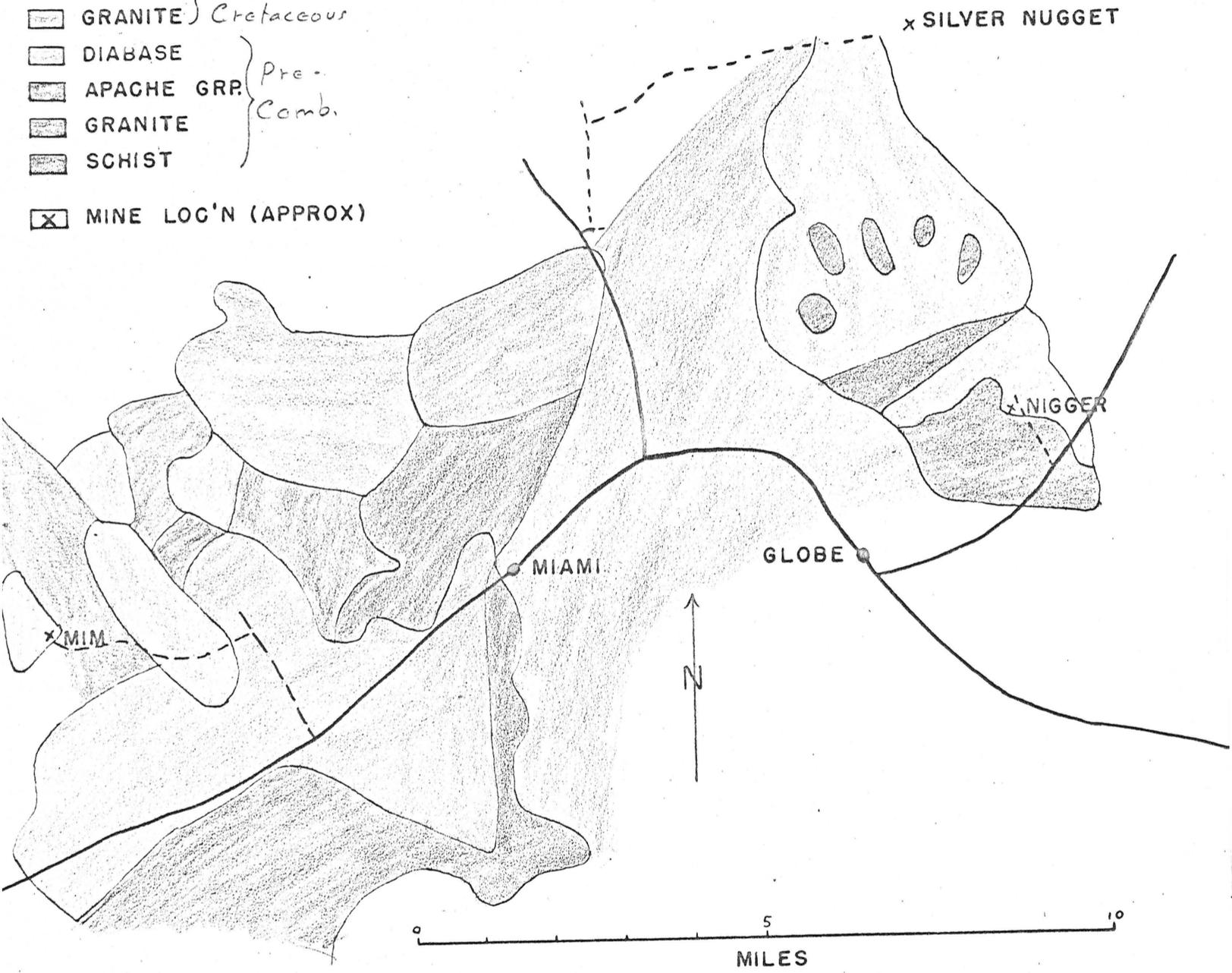
Mar. 11, 1954

W. B. Loring

Geologist

LEGEND

-  ALLUVIUM
-  DACITE } Tertiary
-  GRANITE } Cretaceous
-  DIABASE
-  APACHE GRP. } Pre-
-  GRANITE } Comb.
-  SCHIST
-  MINE LOG'N (APPROX)



GLOBE AREA  
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