

2240 0010

170

Item 13

Mining District: Groom

Mine Name: Black Metal (Lane, Black Medal)

MILS Sequence No.: 3201700225

Location: Sec. 14, T. 7 S., R. 55 E.

170

County: Lincoln

Commodity: Lead, zinc

Production: None has been recorded, but some ore has undoubtedly been mined.

Geology: Most of the Black Metal claim is covered by alluvium; however, the inclined shaft is in a dark-gray limestone, similar to the limestone found at the Groom mine. The ore carries much more zinc than is found in the Groom mine; however, its distribution is erratic: above the 110-foot level a sample from a stope assayed 6.3 percent zinc, while a sample from a shallow winze a short distance away assayed 22.2 percent zinc.

Development: The prospect has been developed by a 110-foot inclined shaft with a short drift on the 100-foot level. There has been some stoping above the drift and north of the shaft.

Period of Activity: The Lane claims were originally located in 1917.

References: Humphrey (1945, p. 45); Tschanz and Pampeyan (1970, p. 149, Plate 1).

Mining District: Groom(?)

Mine Name: Golden Star mine

MILS Sequence No.: 3201700002

Location: Sec. 11, T. 6 S., R. 55 E.

north of 170

County: Lincoln

Commodity: Lead, silver, gold(?)

Production: None reported

Geology: Unknown

Development: As of 1942, the property was developed by numerous cuts and trenches and a 300-foot-long crosscut.

Periods of Activity: Original claims were located in 1907. The claims were relocated in 1931 and 1934.

References: U.S. Bureau of Mines Property File No. 37.98.

Mining District: Groom

Mine Name: Groom

MILS Sequence No.: 3201700224

Location: Sec. 14, T. 7 S., R. 55 E. (170)

County: Lincoln

Commodity: Lead, silver, copper, zinc

Production: U.S.B.M. production records show that except for 7 years, the Groom mine produced continuously from 1915 to 1956. The value of ore in 1977 prices exceeds \$3.75 million.

Geology: The mine is in a 2,000-foot-wide, complexly faulted grabben. Productive ore bodies are bedded and irregular replacement bodies in limestone. The primary ore mineral is argentiferous galena with subordinate sphalerite; the small amount of copper occurs as chalcopyrite or tetrahedrite. A little pyrite is present, but the amount of gold is nil.

Development: The Groom mine is developed by a 210-foot shaft, two adits, and extensive underground workings.

Periods of Activity: The claims were located in 1864. In 1872, an unsuccessful attempt was made to develop the property. The mine remained essentially idle until 1915 when lessees began production. Except for 7 years, the mine operated continuously until 1956.

References: Humphrey (1945, p. 35-45); Tschanz and Pampeyan (1970, p. 148, Plate 1); Benson (1945a).

Mining District: Groom

Mine Name: Hanus

MILS Sequence No.: 3201700221

Location: Sec. 33, T. 6 S., R. 55 E.

North of 170

County: Lincoln

Commodity: Gold

Production: None reported

Geology: The prospect is in a west-dipping gold-bearing quartzite breccia zone. A sample of dump material assayed 1.08 ounces gold per ton.

Development: The workings consist of a 60-foot inclined shaft in the fracture zone.

Periods of Activity: Prior to 1945

References: Humphrey (1945, p. 47); Tschanz and Pampeyan (1970, Plate 1).

Mining District: Groom(?)

Mine Name: Unnamed limestone

MILS Sequence No.: 3201700098

Location: Sec. 10, T. 7 S., R. 55 E.

170

County: Lincoln

Commodity: Limestone (Dimension stone)

Production: Small but unknown amount quarried local ornamental building and aquarium stone.

Geology: Platy Upper Cambrian limestone

Development: Unknown

Periods of Activity: Unknown

References: Tschanz and Pampeyan (1970, p. 125).

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Mineral Resources of the Nellis Air Force Base
and the Nellis Bombing and Gunnery Range,
Clark, Lincoln, and Nye Counties, Nevada

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