

1490 0010

PROPERTY NAME: Divide Mine
 OTHER NAMES: Tonopah Divide Mine
 MINERAL COMMODITY(IES):
 TYPE OF DEPOSIT: Stockwork Au-Ag

ACCESSIBILITY:

OWNERSHIP: Falcon Explorations Co.

PRODUCTION:

HISTORY:

County: Esmeralda ⁽⁸⁷⁾ Item 10Mining District: DivideAMS Sheet: GoldfieldQuad Sheet: Mud Lake 15'Sec. 26, T 2N, R 42E

Coordinate (UTM):

North 4 12 10 15 13 0 0 mEast 0 14 17 19 10 0 0 mZone 11

DEVELOPMENT: Open pit mine; older (early 1900's) underground workings for Au and Ag. The open pit is located just to the southeast of the old Tonopah Divide shaft.

ACTIVITY AT TIME OF EXAMINATION: Development drilling on a pit bench.

GEOLOGY: The precious-metal mineralization in this part of the Divide Mining District consists of both free-gold-bearing quartz veins and silver lodes. The gold veins are generally present in the Oddie Rhyolite (intrusive) and adjacent Siebert Fm. tuffaceous and volcaniclastic beds. The silver lodes are in phyllic zones of alteration along a northwest-trending fault zone north of Gold Mountain. The mineralization and geochemistry are further described in NBMG Bull 92 & 96.

The new pit of Falcon Explorations Co. is located near the Old Big Divide (Tonopah Divide) shaft; it appears that ore from this pit was partly in the upper part of the Silver lode which is present between The Big Divide shaft and the Gold Zone shaft to the east and partly in dumps and Siebert Formation from the vicinity of old gold-bearing workings higher on Gold Mountain to the south of the Big Divide shaft. A portion of the dump from the Big Divide shaft has also been removed.

The operation is reportedly closed down in July of 1982. There is a report that someone has mined in the gold workings by underground trackless methods.

There are still trailers at the heap leach facility in July, but I can not see any leaching taking place.

Several other workings on Gold Mountain are described and/or mapped in Bonham and Garside (1979, 1982) and were not visited during this study. The Gold Zone Mine, for example is located about 100 m east of the Tonopah Divide. The Brougner Divide Shaft is shown on page 58 of Bonham and Garside (1982), and the Burger claim adit on page 59.

REMARKS: Ore from the open pit mine has (recently) been hauled to an extensive heap leach facility in S20°, T1N, R42E about 8 km southwest of the mine. The mine offices and much of the mining equipment are there. Ore is present on the pads, but no sprinkling was taking place on the day visited.

Sample 442 consists of mineralized oxide wallrock from the dump of the old Tonopah Divide shaft. The sample contains powellite, barite, and cerargyrite.

Photo

REFERENCES: NBMG Bull 92 & 96.EXAMINER: L.J. Garside & J.V. TingleyDATE VISITED: 26 Mar 82