

NAME OF PROPERTY

GOLDEN AGE (T.P.M.)

OBJECT LOCATED ~~Main~~ adit.

UNCERTAINTY IN METERS 100.

Lat. 49°23'25" Long. 117°13'17"

Mining Division Nelson District Kootenay

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The rocks in the vicinity are schists of the Lower Jurassic Elsie Formation. Near the deposits these are cut by several, fine-grained, unsheared, dark grey to green, narrow dykes. A specimen of one of these dykes, examined under the microscope, showed phenocrysts of the augite in a fine-grained groundmass containing some augite and feldspar. The deposit consists of one or more, poorly defined shear zones carrying stringers and bunches of quartz. Apparently these zones conform to the foliation of the surrounding rocks, striking north 30 to 50 degrees west and dipping 60 to 80 degrees southwest.

Values are principally in gold, which accompanies galena, sphalerite, chalcopyrite, pyrite, and nests of scheelite, all in a quartz gangue. Some gold is reported to occur in the wall-rocks. The vein walls are indefinite in most places, the quartz occurring in numerous small veinlets across widths of as much as 5 feet, but generally less than 1 foot.

Associated minerals or products of value - Silver, lead, zinc, copper, tungsten.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the west side of the Salmo River, 7 miles south of Nelson. The Euphrates property lies on the east side of the river, directly across from the Golden Age.

The discovery of gold-quartz float on the lower slope of the mountain led to intensive prospecting of the area by E. and S. Terzian, and the staking of 9 claims in 1922. Trenching and several short adits led to the discovery of the vein in place. The owners incorporated The Golden Age Mining Company, Limited, in August 1923. The company installed a 20-stamp mill, which was used very little as there was no ore available. In 1927-28 the mill operated occasionally on ore from the Euphrates property. The mill was destroyed by fire in 1929. Some development work was done in 1924 by Carl Anderson, of Spokane, under a lease agreement. Small shipments were reported by the owners in 1931 and 1940.

Trimetals Mining, Inc., of Spokane, Washington, acquired the property in 1941 and during 1941-42 carried out underground development work and diamond drilling. Some ore was milled at the Euphrates mill before work ceased in April 1942. Further development work was done by the company in 1945-46 and a small amount of ore was shipped at that time; work ceased in October 1946.

The workings at that time included 3 adits. The lower, 50 feet below the road, consisted of a 130 foot drift and a 20 foot crosscut; the main (middle) adit, at road level, consisted of 1,442 feet of drift, and 3 short crosscuts to the west; the upper adit, 90 feet above the main adit, consisted of a 173 foot long drift.

Foremost Construction Ltd. shipped 62 tons of crude ore from the property in 1963.

Nelway Mines Ltd. held the property in 1966 as the T.P.M. and J groups of 26 recorded claims. During 1966-67 the company carried out stripping, sampling, and 200 feet of diamond drilling in 3 holes.

Robert Mines Ltd., incorporated May 1969, acquired the T.P.M. 1 and 2 claims. These claims, and adjacent ground, were restaked as the PIA 1-10 claims. The company also acquired the Euphrates property. During 1971 the main adit,

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

Production for the period 1928-45, and for 1963, totals 82 tons of ore. From this ore 33 ounces of gold, 210 ounces of silver, 256 pounds of lead, and 260 pounds of zinc were recovered. Production in 1973, under the name Golden Age-Euphrates, totalled 80 tons of ore. From this ore 7 ounces of gold, 101 ounces of silver, 236 pounds of copper, 241 pounds of lead, and 241 pounds of zinc were recovered.

REFERENCES

Cockfield, W.E.; Lode Gold Deposits of Ymir-Nelson Area, British Columbia; Memoir 191, p. 58, Geol. Surv. of Canada.

McAllister, A.L.; Ymir Map-Area, British Columbia; Paper 51-4, p. 53, Geol. Surv. of Canada.

Reports of Minister of Mines, British Columbia: 1922, p. 208; 1923, p. 217; 1927, p. 319; 1928, p. 324; 1929, p. 346; 1931, p. 138; 1940, p. 26; 1941, p. 64; 1942, p. 60; 1945, p. 43; 1946, p. 140; 1963, p. A49; 1966, p. 211; 1967, p. 243.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1970, p. 439; 1971, p. 404; 1972, p. 52; 1973, p. 65.

Mineral Development Sector; Corporation Files: "The Golden Age Mining Company, Limited"; "Nelway Mines Ltd."; "Robert Mines Ltd."

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Memoir 308, p. 166, Geol. Surv. of Canada, 1960.

MAP REFERENCES

#Map 1144 A, Ymir, (Geol.), Sc. 1":1 mile (1964).
 Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Memoir 308.

*Map 82 F/6 E, Nelson, (Topo.), Sc. 1:50,000.

BCI 82F/SW - 185

REMARKS

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)
 on PIA 7 claim, was reopened and extended 35 feet, and geo-chemical, magnetic, electromagnetic, and self potential surveys were carried out. During 1972-73 diamond drilling in 2 holes totalling 110 feet on the PIA 7 claim, and trenching and stripping on PIA 3 claim were carried out.

Lower Bonanza Hill - Prospectus 27/6/83 Report

Comp./Rev. By	DMacR						
Date	5-75						