

NAME OF PROPERTY **MINTO MINE**

OBJECT LOCATED—centre of Omega No. 1 claim (Lot 5601).

UNCERTAINTY IN METERS -50. Lat. 50°53'55" Long. 122°45'00"

Mining Division **Lillooet** District **Lillooet**

County Township or Parish

Lots **3668, 3669, 3671, 5600 to 5605, 5712 to 5718.** Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

This property is underlain by volcanics, argillite and chert of the Fergusson Series, which are intruded by felsite dykes, irregular masses of gabbro and ultrabasic dykes now highly altered to rusty carbonate-silica masses.

The principal vein-bearing fissure on the Minto property follows along or near the contact of a belt of sedimentary rock with greenstone or with the "Minto" dyke, a dark, fine-grained massive body about 20 feet in maximum width. For several hundred feet on all levels the mineralized fissure is a well-defined and fairly regular quartz vein 3 to 4 feet wide. The principal sulphides occurring in the vein are arsenopyrite, pyrite, sphalerite, and locally, stibnite. A little free gold has also been reported.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

This property extends across Bridge River in a general north-south direction about one mile east of the junction with Gun Creek. Sixteen claims and fractions in the Omega and Alpha groups were Crown-granted to Minto Gold Mines Limited in 1937.

The claims were held for many years prior to 1930 but little activity was reported. In 1930 owner W. Davidson optioned the claims to the Consolidated Mining and Smelting Company of Canada Limited. Minto Gold Mines, Limited, was incorporated in 1933. Since 1930 the principal gold showings have been developed from four adits above river level, and at a greater depth, by a winze and three levels, over a total vertical depth of 800 feet and for a length of 1,000 feet. Most of these workings are on the Omega No. 1 claim (Lot 5601). The mine was equipped with a mill in 1934 which operated until the end of 1937. Most of the developed ore was stoped out and exploration below the adit level was not successful. An option given to Pioneer Gold Mines Limited in August 1941 was abandoned early in 1942.

In 1959 the property was acquired by Ace Mining Company Ltd. along with the Congress and Wayside properties (see 92 J/15, Au 1 and Au 17), but most of the work done by this company was on the Congress property.

Aviso Mines & Res. L. SMF 116/85

HISTORY OF PRODUCTION

The Minto mine, between 1934 and 1940, treated 88,902 tons of ore. Recoveries totalled 17,558 ounces of gold, 50,584 ounces of silver, 21,327 pounds of copper, and 124,421 pounds of lead.

MAP REFERENCES

Map 43-15 A, Tyaughton Lake, (Geol.), Sc. 1": $\frac{1}{2}$ mile - accompanying Paper 43-15.

*Map 92 J/15 E & W (M), Mineral Claim Maps, Sc. 1:50,000 - B.C. Dept. of Mines.

Map 546 A, Tyaughton Lake, (Topo.), Sc. 1:50,000 - Dept. of Mines and Technical Surveys, 1936.

Map 92 J, Pemberton, (Topo.), Sc. 1:250,000.

REMARKS

Comp./Rev. By	CD						
Date	1-74						

REFERENCES

Cairnes, C.E.; Geology and Mineral Deposits of Tyaughton Lake Map-Area, British Columbia; Paper 43-15, pp. 15 to 17, Geol. Surv. of Canada, 1943.

Galloway, J.D.; Lode-Gold Deposits of British Columbia; Bulletin No. 1, p. 72, B.C. Dept. of Mines, 1932.

Reports of Minister of Mines, British Columbia: 1930, pp. 202-203; 1931, p. 113; 1932, p. 217; 1933, pp. 270-271; 1935, p. A-29; 1936, pp. F-3-6; 1937, pp. A-40-41, F-34; 1940, pp. A-27, A-60; 1940, p. 56; 1945, p. 88; 1959, p. 25; 1960, pp. 20-21; 1961, pp. 25-26; 1962, pp. 21-22; 1964, p. 80; Index 3, p. 205.

Mineral Resources Branch; Corporation Files: "Ace Mining Company Limited"; "Minto Gold Mines Limited".

Mineral Resources Branch; Resources Files: MR-Au-301.00, Bridge River Area.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy: 1934, Rept. 748, pp. 61-71 (No. 589); 1935, Rept. 771, p. 221; 1936, Rept. 776, p. 196; 1937, Rept. 785, pp. 43-52 (No. 710); 1937, Rept. 785, pp. 149, 150.

BCI 92 J/NE-75.