

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ENTERPRISE, KING WILLIAM

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 50°20'
Lat.

Long. 120°23'30"
Long.

Mining Division
Division minière

Nicola

District
District

Kamloops

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Stump Mines Ltd.,
800 Hall Building,
789 West Pender St.,
Vancouver, B.C.

The property is located on the southeast shore of Stump Lake and lies partly on the western flank and summit of Mineral Hill. Claims were staked on the hill between 1882 and 1885. Prior to 1888 the Nicola Mining and Milling Co. put down or started the Joshua, Tubal, and King William shafts. Work was suspended around 1890 and nothing further was done until Donahue Mines Corp. of Seattle began exploration of the Joshua and Tubal Cain veins in 1916; a mill was built and operated briefly before the mine closed in 1920.

The Star Mining Co. put down the Star (now Enterprise) and Planet shafts prior to 1888. A small concentrator, erected by the company in 1889 operated briefly before the mine closed later in the year. Planet Mines and Reduction Co. reopened the Enterprise and Planet shafts in 1925. A mill was put into operation in 1929 and operated until the mine closed in February 1931.

Nicola Mines and Metals Co. acquired the property of the Planet Company along with the King William, Joshua, Tubal Cain and other claims. Development work was done on the Enterprise, Joshua and Tubal Cain veins and there was some production. In 1937 the company was reorganized under the name Consolidated Nicola Goldfields Ltd.; additional property acquired at this time included the Mineral Hill group, Jenny Long Mines, Johannesburg group, Nicola Dome group, and others, consisting of 40 claims and fractions extending from the lake shore south-east for about 3 miles. From 1939 until operations were suspended in 1942 the company carried on development work and operated the mill intermittently. The Enterprise, Joshua, and King William veins have been developed by numerous shafts and drift levels to depths of 700 to 900 feet on the dip of the veins. The 320 adit level was driven to intersect in turn the Enterprise, Tubal Cain, and Joshua veins.

Stump Lake Metal Mines acquired the property in the fifties and expanded it to 117 claims; a small amount of surface work and diamond drilling was done in about 1959.

Stump Mines Ltd., incorporated as a private company in September 1964, purchased 53 Crown-granted claims and 62 claims held by location from Stump Lake Metal Mines Ltd.; the company was converted into a public company in December 1964. Plans call for stripping, geological mapping and diamond drilling during 1965.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of green fine-grained andesites of the Nicola group with occasional bands of fine grained tuff and andesitic breccia. Granitic rocks of the Coast intrusions outcrop about 2 miles to the west. Hornblende-andesite dykes, from a few inches to 8 feet wide and irregular in attitude, cut the rock formation and the veins. Six principal veins are known, the Joshua, Enterprise, Tubal Cain, King William, Planet, and Silver King. Their strike varies between N45°W and N25°E and dip between 45° easterly and vertical. The veins are quartz filled fractures and shear-zones in which there has been in most instances an alteration of the wall-rocks. They vary in width from an inch or two to 6 feet, and pinches, swells, and changes in attitude are characteristic. The quartz is white and vitreous and is mineralized irregularly with pyrite, galena, sphalerite, tetrahedrite, and chalcopyrite, occurring as segregations, thin seams, and disseminations. Scheelite is present in small grains and short narrow bands.

Associated minerals or products - Gold, copper, lead, zinc.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Prior to 1953, 78,806 tons of ore were reported mined from the Joshua and Planet properties, however most of this ore apparently came from the Enterprise and King William veins. From this ore 8,308 ounces of gold, 254,829 ounces of silver, 111,387 pounds of copper, 2,309,426 pounds of lead, 517,709 pounds of zinc, and 12 pounds of bismuth were recovered. These figures are probably not complete.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 887 A, Nicola, (Mineral Localities), Sc. 1":4 miles - accomp. Mem. 249.

Map 886 A, Nicola, B.C., (Geol.); Sc. 1":4 miles - accomp. Mem. 249.

Map 92 I, Ashcroft, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-65	01-74					

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Hedley, M.S.; Stump Lake Area; Annual Report, Dept. of Mines, B.C., 1926, pp. D 14-D 21.

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BCI 92 I/SE-28, 110.