

PRODUCT SILVER

PROVINCE OR TERRITORY British Columbia

N.T.S. AREA 82 K/10

REF. Ag 1

NAME OF PROPERTY TIN CITY (ERDAHL)

HISTORY OF EXPLORATION AND DEVELOPMENT

LOCATION

approximate Lat. 50°34'20" Long. 116°59'50"

Mining Division Slocan District Kootenay

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

This property is located on the east side of the Duncan River about 10 miles north of the head of Duncan Lake.

The Tin City claim, at the northwest end of a group of 5 claims, is located north of Cockle (Bear) Creek and covers the area of the initial discovery of tin, beryllium, and tungsten mineralization at an elevation of 700 to 800 feet above the Duncan River. The adjoining Canyon claim straddles Cockle Creek; the Old Glory, Cyclone, and Erbeck claims extend from the Canyon claim southeastward.

The claims were staked by R.E. Erdahl and J.E. Pinchbeck, of Drail, in June 1945. Two short adits were driven on the Old Glory claim.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

In the vicinity of the showings the rocks are schist, gneiss, limestone, and quartzite. The foliation strikes northwesterly and dips northeast. Narrow, discontinuous, and irregular veins, stringers, and lenses of glassy quartz containing varying amounts of tourmaline, mica, amphibole, and carbonate strike north 5 to 25 degrees east and dip southeasterly. On the Tin City claim the veins vary in width from 10 inches to less than 1 inch within intervals of 20 to 30 feet and are contained in a northerly-trending zone some 500 feet in length. Scattered grains of scheelite occur in many of the veins, and sulphides are present in local concentrations. Traces of tin and beryllium were detected by spectrographic analysis, the estimates for each metal ranging from nil to 0.04%, but the tin- and beryllium-bearing minerals were not recognized. On the Old Glory claim an adit was driven into an irregular shear-zone consisting of quartz, wall-rock fragments, and carbonate

(continued

Associated minerals or products of value - Beryllium, tin, tungsten.

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HISTORY OF PRODUCTION

Shipping-point	Distance from mine
Material shipped	Carrier
Destination	

MAP REFERENCES

Map 12-1957, Lardeau (East Half), (Geol.), Sc. 1"=4 miles.

Map 82 K/10 W, Howser Creek, (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT (continued)

with arsenopyrite and small amounts of pyrite. An assay of selected mineral specimens is as follows: Gold, 0.01 ounce a ton; silver, 1.0 ounce a ton; copper, trace; lead, 0.3%; tin, 0.04%; beryllium, trace; tungsten, nil.

REFERENCES

Ignott, W.J.; Erdahl and Pinchbeck Claims; Report of Minister of Mines, British Columbia, 1945, p. 107.

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FEB 1968