

PRODUCT

TUNGSTEN

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 92 0/2

REF. W 2

NAME OF PROPERTY

TUNGSTEN KING

OBJECT LOCATED - Symbol on Map 92 0 (MI).

UNCERTAINTY IN METERS - 150.

Lat. 51°02'45" Long. 122°46'03"

Mining Division Lillooet

District Lillooet

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The rock formations on this property include the Permian Fergusson Group and the Upper Mesozoic Taylor Group. These are intruded by a large irregular body of carbonatized serpentine which is in turn intruded by many feldspar porphyry dykes of Tertiary age. Cinnabar and hematite are associated with fractures and shear zones in volcanics. Scheelite occurs in veins in carbonatized serpentine.

On the Tungsten King property, cinnabar is found impregnating dolostone but was also noted in the carbonatized serpentine. Scheelite occurs in a fracture zone six feet wide.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is situated fifteen miles north of Gold-bridge along Tyaughton Creek between Relay and Noaxe Creeks at 4,000 to 5,000 feet elevation. It consists, in 1969, of forty-eight claims including the KAS, Gordi and Cinnabar claims, in part covering ground formerly held as the Tungsten Queen (92 0/2, W 1) Group.

The Tungsten King Group adjoined the Tungsten Queen to the northwest. Originally known as the Cinnabar King Group, it consisted of eight claims located in 1929 by Grant White who did the initial work on the property. In 1936 and 1942, Gunnar Lundborg and Egil H. Lorntzsen restaked eighteen claims, the Tungsten King Nos. 1 to 5, June Nos. 1 to 3, Mercury No. 14, Silvertip No. 3 and Tungsten Nos. 5 to 12, on the same ground. In 1942, tungsten mineralization was discovered and the property became known as the Tungsten King Group. It was developed by opencuts and two adits, 25 and 50 feet long. By the end of 1942 about 30 tons of 5% tungsten ore was recovered. In 1952 Mr. Lundborg mined about seven tons which produced one ton of concentrates when treated at the Bralorne mill.

In 1969 Bethlehem Copper Corporation Ltd. acquired 48 claims covering ground formerly occupied by the Tungsten King and Tungsten Queen (92 0/2, W 1) Groups. They prepared topographic maps of the property and surface workings, conducted geological, magnetometer and geochemical surveys and made twelve bulldozer trenches and two hand pits.

Associated minerals or products of value - Mercury, antimony, iron.

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

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## HISTORY OF PRODUCTION

In 1942 and 1952 about 37 tons of ore were mined from the Tungsten King property.

## REFERENCES

- Stevenson, J.S.; Tungsten Deposits of British Columbia; Bulletin No. 10 (revised), p. 105, British Columbia Dept. of Mines, 1943.
- Stevenson, J.S.; Mercury Deposits of British Columbia; Bulletin No. 5, p. 85, British Columbia Dept. of Mines, 1940.
- Cairnes, C.E.; Geology and Mineral Deposits of the Tyaughton Lake Map-Area, British Columbia; Paper 43-15, pp. 33-34, 38, Geol. Surv. of Canada, 1943.
- Geology, Exploration and Mining, British Columbia Dept. of Mines: 1969, p. 186.
- Reports of Minister of Mines, British Columbia: 1929, p. 234; 1930, p. 203; 1931, p. 113; 1942, p. 79; 1952, p. 114.
- Mineral Resources Branch; Metals Controller File: MC-167-T2-2-37.

## MAP REFERENCES

- Map 43-15 A, Tyaughton Lake, (Geol.), Sc. 1"=½ mile, accompanying Paper 43-15.
- Map 546 A, Tyaughton Lake, (Topo.), Sc. 1:50,000, Dept. of Mines and Resources, 1939.
- \*Map 92 0 (MI), Taseko Lake, Sc. 1:250,000, B.C. Dept. of Mines and Petroleum Resources.
- Map 92 0/2 East and West, Tyaughton Creek, (Topo.), Sc. 1:50,000.

## REMARKS

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