

## NAME OF PROPERTY

LOGTUNG (LOGJAM CREEK)

OBJECT LOCATED - Area of dd.

UNCERTAINTY IN METRES 300. Lat. 59°59'55" Long. 131°36'00"

Mining Division Atlin District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

## OWNER OR OPERATOR

## HISTORY OF EXPLORATION AND DEVELOPMENT

The showings are located at approximately 5,300 feet elevation on the west side of West Logjam Creek, just south of the Yukon border and some 6 miles north of Mile 753 on the Alaska Highway.

The occurrence of tungsten in this vicinity was reported in 1956. The showings were re-discovered in 1976 while prospecting for the source of a prominent tungsten geochemical anomaly in the Logjam-Two Ladder Creek area. The 1976 program was carried out by Cordilleran Engineering Limited, managers of an exploration program for Bath Uranium Partnership Limited. The Jam 1-5 claims (98 units) and Camp 1 claim (2 units) were staked in B.C.

Logtung Resources Ltd. was incorporated in April 1977 to acquire an interest in the property. Amax Potash Limited optioned a 60% interest in the property in 1977. During the year the company drilled 416.6 m of NQ and 58.8 m of BQ core in 4 holes on the B.C. zone.

## DESCRIPTION OF DEPOSIT

Carboniferous sedimentary rocks of the Dorsey Group are intruded on the British Columbia side of the border by a biotite quartz monzonite stock which is probably satellitic to the Seagull batholith. The stock is medium-grained and contains fluorite and quartz veinlets and smoky quartz. Aplite, porphyritic quartz monzonite, and porphyritic alaskite dykes occur as offshoots. The sedimentary rocks, mainly argillite, phyllite, and limestone with contact metamorphism and metasomatism producing hornfels and skarn, occur as part of the west limb of a major southeast-plunging syncline. Scheelite and molybdenite occur mainly in stockwork quartz veins in porphyritic alaskite, quartz monzonite, and contact hornfels and skarn. Minor disseminated mineralization occurs in garnet-diopside skarns, hornfels, and intrusive rocks. Fluorite, beryl, sphalerite, galena, rarely chalcopryrite, wolframite and cosalite occur as accessory vein minerals in all rock types.

Associated minerals or products - Molybdenum, beryllium, fluorspar, bismuth, tourmaline.

# HISTORY OF PRODUCTION

# REFERENCES

Mulligan, R.; Geology of Canadian Beryllium Deposits; Economic Geology Report No. 23, p. 54, Geol. Surv. of Canada, 1968.

Geological Fieldwork, British Columbia Dept. of Mines: 1977, p. 70; 1978, pp. 47-50 (Paper 1979-1)<sup>+</sup>.

Mineral Policy Sector; Corporation Files: "Logtung Resources Ltd.".

## MAP REFERENCES

Map 18-1968, Jennings River, (Geol.), Sc. 1:250,000 - accomp. Paper 68-55, Geol. Surv. of Canada, 1969.

#Geology of the Logtung property, Sc. 1":6,000' (approx.), Fig. 15, Geological Fieldwork 1978, p. 48, (Paper 1979-1), British Columbia Dept. of Mines.

\*Map 104 0/13 E, Smart River, (Topo.), Sc. 1:50,000.

## REMARKS

Comp./Rev. By	DMacR						
Date	1-80						