

PRODUCT		PROVINCE	N.T.S. AREA	REF.
Zinc		British Columbia	82 <sup>1</sup> / <sub>3</sub>	
NAME OF PROPERTY		Tungsten King		
LOCATION		Lat. 49° 05'	Long. 117° 14'	<b>HISTORY OF EXPLORATION AND DEVELOPMENT</b> The Tungsten King group comprises 12 Crown-granted claims, including 2 old claims, the Mastodon and the Nellie T, that were Crown-granted in 1907. The other claims of the group were located by L.R. Clubine in 1942. In that year the group was optioned by the Consolidated Mining and Smelting Company, who surface tracing and diamond drilling (1200 feet) were carried out on the Tungsten King group on the Tungsten showings in 1942-1943, and the option was then dropped. In 1950 the property was optioned to the American Zinc Company, who did bulkhead stripping on the zinc showings and diamond drilled 10 short holes vertical holes. Additional stripping on the zinc showings was done by the owners in 1953, and again by Canadian Exploration Limited in 1955, which also drilled 3 short diamond drill holes to the southeast of those drilled by the American Zinc Company. Canadian Exploration dropped its option early in 1956.
Mining Division	District	Kootenay		
County	Township or Parish			
Lot	Concession or Range			
Sec.	Tp.	R.		
OWNER OR OPERATOR AND ADDRESS		Property owned by L.R. Clubine, Selma, B.C., and E. and R. Oscaison and Spikene, Wash.		
DESCRIPTION OF DEPOSIT		According to Fyles and Hewlett, (1959, p. 153), chip samples across the best mineralized portion of the zone exposed on the Mastodon claim showed the following: The lowest 15 inches assayed; Ag, Nil; Pb 0.10%; Zn, 6.5%. This mineralization is overlain by about a foot of very sparse mineralization and then by 38 inches of bed. This assayed; Ag, Nil; Pb, less than 0.05%; Zn, 3.4%. The dolomite is very poorly exposed above this for a foot, and then overlain by 21 inches of beds that assayed: Ag, trace; Pb, 0.16%; Zn, 1.3%.		
Ore or substance		On the Tungsten King No 8 fraction a 5-foot deep sample shows the mineralized zone assayed: Ag, trace; Pb, 0.21%; Zn, 0.11%.		
Character of Deposit		Sparse mineralization consisting of pyrite and fine-grained sphalerite occurs in buff-weathering dolomite near the north boundary of the Mastodon claim. In the case stripped, the widest mineralized exposure is a zone 8 to 10 feet wide, where mineralized beds a few feet wide are separated by massive dolomite. On the Tungsten King No 8 fraction, pyrite, pyrrhotite and some galena are contained in a narrow mineralized zone at the base of Reeves limestone. In the Allie claim scheelite occurs finely disseminated and in narrow veinlets in skarn.		
Associated Minerals of value		Tungsten, lead.		

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## HISTORY OF PRODUCTION

## REFERENCES

Fyles, J. T., and Howell, C. G.; *Stratigraphy and Structure of the Selkirk Lead-Zinc Area*; Bull # 41, Dept. of Mines, B.C., 1959.

*Annual Reports*; 1942, p. 80; 1943, p. 81; 1950, p. 125; 1953, p. 119; Dept. of Mines, B.C.

Stevenson, J. S.; *Tungsten Deposits of British Columbia*; Bull. No 10 (Revised), <sup>PI 49</sup> Dept. of Mines, B.C., 1943.

Shipping point

Distance from mine

Material shipped

Carrier

Destination

## MAP REFERENCES

*Geological Map of the Selkirk Lead-Zinc Area, Scale 1:2000'*

- Fig 3 accompanying Bulletin 41.

## REMARKS