

PRODUCT TUNGSTEN
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 82 K/10
RÉGION DU S.N.R.C.

REF. W 1
RÉF.

NAME OF PROPERTY DARY-DISMUTH, TIN CITY (ERDAHL)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Showings north of Cockle creek.
OBJET LOCALISÉ

UNCERTAINTY 1 000 m FACTEUR D'INCERTITUDE	Lat. 50°34'30"	Long. 116°59'30"
Mining Division Slokan Division minière	District District	Kootenay
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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Metasedimentary rocks of the Upper Proterozoic Horsethief Creek Group enclose a 350 m wide by 2 700 m long amphibolite unit. The mineralization is associated with fluorite and tourmaline alteration zones. Quartz veins, stringers and lenses locally contain pyrite, pyrrhotite, arsenopyrite, sphalerite, galena and scheelite. Traces of tin and beryllium detected by spectrographic analysis were estimated to range from nil to 0.04%. Selected mineral specimens taken in 1945 from the Old Glory workings assayed: Au, 0.01 oz/t; Ag, 1.0 oz/t; Cu, trace; Pb, 0.3%; Sn, 0.04%; Be, trace; W, nil.

The B zone, located some 1 500 m from the Tin City zone, contains scheelite in a tourmaline-tremolite altered carbonate rock. Extensive chip sampling in 1985 gave a wide range of grades, including some in excess of 1% WO₃.

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

The property is located on the east side of Duncan Lake some 110 km southeast of Revelstoke.

The Dary and Dismuth claims, located on the north side of Cockle (Bear) creek canyon, were owned in the 1920's by the Tapanila family, of Kaslo. The workings included two inclined shafts some 300' apart, one to a depth of 70' on the Dary claim and the other to 30' on the Dismuth claim.

The showings were restaked in 1945 as the Tin City claim by R.E. Erdahl and J.E. Pinchbeck, of Trail; the adjoining Canyon claim straddled Cockle creek and the Old Glory, Cyclone and Erbeck claims extended southeasterly from it. Showings were prospected on the latter three claims but the only reported workings were two short adits on the Old Glory claim. Claims in the vicinity of the Erdahl claim were Crown-granted in about 1900 (Lots 5668, 5669).

Sipald Resources Ltd acquired 12 claims covering these showings in the early 1980's. Newmont Exploration of Canada Limited optioned the property in July 1984. Work in 1984-85 included geochemical soil, silt and rock chip surveys, a magnetometer survey, trenching, and 2,606' of diamond drilling in 13 holes.

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Reports of Minister of Mines, British Columbia: 1920, p. 121; 1945, p. 107.

Gunning, H.C.; Mineral Deposits of the Lardeau Map-Area; Memoir 161, pp. 21, 33, Geol. Surv. of Canada, 1930.

Exploration in British Columbia; BCDM: 1984, p. 92.

George Cross News Letter: 1985, No. 172.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 235 A, Lardeau Area, (Geol.), Sc. 1":4 miles - accomp. Memoir 161.

Map 12-1957, Lardeau (East Half), (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-86						