

PRODUCT LEAD  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 82 K/11  
RÉGION DU S.N.R.C.

REF. PB 3  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ABBOTT

OBJECT LOCATED - Abbott claim (Lot 765).  
OBJET LOCALISÉ

UNCERTAINTY 300 m FACTEUR D'INCERTITUDE	Lat. 50°37'50" Lat.	Long. 117°09'30" Long.
Mining Division Revelstoke 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

The host rocks are slate, phyllite and minor limestone of the Palaeozoic or older Lardeau Group, at or near the contact with underlying limestone of the Badshot Formation. Mineralization including galena, sphalerite and pyrite apparently occur as both vein-type and replacement deposits in a zone striking N25°W and dipping steep west in limestone. Trenching indicated a 12-15' wide mineralized zone over 400-500' strike length. A short distance to the west quartz veins striking N25°W and dipping vertical in slate are mineralized with pyrite, galena, sphalerite and a little chalcopyrite. Mineralization is localized in elongate shoots following the hinge zone of a synclinal fold; drilling traced the mineralization 120 m down the plunge of the fold.

Associated minerals or products - Silver, zinc.  
Minéraux ou produits associés

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

The property is located at elevations of 6,500'-7,500' at the head of an east fork of Healy Creek some 16 miles east of Trout Lake village and 50 miles southeast of Revelstoke.

Development work began on the showings in 1893 and the Abbott, King William and Union claims, Lots 765-767 respectively, were Crown-granted to H. Abbott in 1896. Development work in 1895-96 was carried out by an English syndicate. Work apparently ceased in 1897 when a snowslide killed several workers. The workings included an upper crosscut adit 25' in length and a lower crosscut adit, 91' below the upper, driven over 300'. The Union Crown-grant was subsequently cancelled and apparently re-staked as the Re-union (Lot 6040).

In 1926 the property was optioned from C.T. Porter and associates by E.B. and A.E. Brauns of Michigan. Work in 1926-27 apparently included extending the lower adit to about 400'.

Leadbridge Mines, Limited, a subsidiary of St-Joseph Lead Company of New York, held several properties in this vicinity in 1949; geologic mapping was reported on the Abbott property.

The claims were owned in 1983 by Bannockburn Resources Ltd, and acquired in 1985 by Turner Energy & Resources Ltd and Mikado Resources Ltd as part of the Wagner (82 K/11, PB 6) joint venture. A block of mineralization between the upper and lower adits is estimated to be 36' wide, 95' high and 65' long, containing 20,200 tons with a weighted average assay of 0.025 oz/t Au, 21.94 oz/t Ag, 28.47% Pb, 16.6% Zn, mineable by open pit (George Cross News letter, 28/08/85).

In 1986, a new road was constructed to the showing. The portal (6600 level) was rehabilitated and an underground drill station cut. Drilling included 137.8 m underground, and on surface 16 BQ holes (614.5 m) and 19 NQ holes (1565.8 m). In 1987 a new adit was driven 152 m. Development ore was shipped from the property. Reserves were reported as 66,400 tonnes at 294.7 g/mt Ag, 1.45 g/mt Au, 14.22% Zn, 11.08% Pb. (Mineral Exploration Review, 1987, p. 61).

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Reports of Minister of Mines, British Columbia: 1893, p. 1049; 1894, p. 745; 1895, p. 694; 1896, pp. 542, 557; 1897, p. 552; 1898, p. 1071; 1899, p. 684; 1900, p. 850; 1903, p. 243; 1908, p. 250; 1926, p. 273; 1927, p. 296; 1949, p. 192.

Gunning, H.C.; Lardeau Map-Area, British Columbia (Mineral Deposits); Memoir 161, p. 81, Geol. Surv. of Canada, 1930.

McIntyre, J.F.; Wagner Project, 5/08/85, in Mikado Resources Ltd Prospectus, 7/08/85.

George Cross News Letters: 1985, Nos. 189, 193, 195, 198, 207, 217; 1986, No. 131, 154, 159, 161, 166, 170; 1987, No. 11, 108, 150, 155; 1988, No. 35.

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

Exploration in British Columbia; BCDM: 1983, p. 126; 1986, pp. B24-B29; 1987 (Review pp. 20, 61).

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Regional Geology Map, Sc. 1:250,000, Fig. 3, Report by McIntyre, 1985.

Mineral Deposits, Lardeau west-half, Sc. 1:125,000, Geol. Surv. of Canada, 1976, Open File 464.

#Map 82 K/11, Trout Lake, (Topo.), Sc. 1:50,000.

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	11-85	05-88					