

PRODUCT PRODUIT	ZINC	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 82 F/14 RÉGION DU S.N.R.C.	REF. ZN 2 RÉF.
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

BLACK FOX MINE

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	Lat. 49°53'30"	Long. 117°05'
	Lat.	Long.
Mining Division Division minière	Slocan	District District
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

New Ainsworth Base Metals Ltd.,  
Suite 623, 470 Granville St.,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks underlying the property are argillaceous sediments of the Slocan group, which have been folded and faulted as a result of metamorphism produced by the Nelson granite batholith, the contact of which is located only a few hundred feet to the north. Veins of the banded, fissure filling type, ranging from a few inches to several feet in width, occur generally parallel to bedding in the sediments. These veins are composed principally of quartz and sheared wall rock, with varying amounts of sphalerite, galena and pyrite, along with minor amounts of silver and gold. Three veins were intersected in the adit and were explored by drifting.

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

The claims held by New Ainsworth Base Metal Ltd. comprise the Black Fox, Daisy and California Crown granted claims and the Ainsworth Fraction in the Ainsworth Mining Division; and the Patrick and 12 other claims, Nos. E.G. 1 to E.G. 12, in the Slocan Mining Division.

The Daisy claim was located in the early 1890's and some work was done on it before the Black Fox was added to the group in 1898. Altogether about 1,000 feet of drifting, crosscutting and shaft sinking was done in the nineties chiefly on the Daisy and California claims, by the Black Fox Mining Company. Exploration work was directed towards the discovery of rich lead-silver ore, and when sufficient ore was not found, the mine closed. Workings consisted of an adit just above the road, half a mile southwest of the Cork Province mine, which is driven on a crosscut 325 feet to the southeast; and an old shaft located 200 feet northeast and 135 feet above the crosscut.

In 1951, following a rise in the price of zinc the adit was reopened, and the mine remained active until January 1953. A total of about 600 feet of drifting was done on the "A" and "D" veins in 1951, and in 1952. Drifting and overhand stoping was done on the "A" vein, and on the "D" vein a raise connection was made to the bottom of the old shaft.

The grade of the ore remaining in the "A" vein is not known, but a bulk sample of ore weighing 714 tons, from one ore shoot assayed, zinc, 11.0%; lead, 0.54%; and silver, 1.80 oz/t.

*(Handwritten signature)*

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Annual Reports of the Dept. of Mines, B.C., show that in 1951 and 1952, approximately 900 tons of ore were shipped for concentrating and had a gross metal content of 6 oz of gold; 1,441 oz of silver; 10,164 lbs of lead; and 152,832 lbs of zinc.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 196, 197, Geol. Surv. of Canada, 1935.

Cairnes, C.E.; Slocan Mining Camp, British Columbia; Mem. 173, Geol. Surv. of Canada, 1934.

Annual Reports; 1899, pp. 704, 705; 1951, p. 165; 1952, pp. 171, 172; Dept. of Mines, B.C.

Mineral Policy Sector; Corporation File: "New Ainsworth Base Metals Ltd."

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, Geol. Surv. of Canada, 1960.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon, (Geol.), Sc. 1":4,000' - accomp. Mem. 173.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	10-61						

BCI 82F/NW-95.