

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

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

REF. PB 9
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SPOKANE and TRINKET CLAIMS

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°44'
Lat.

Long. 116°55'
Long.

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

1962: Yale Lead & Zinc Mines Ltd.,
25 Adelaide St. W.,
Toronto.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are argillite, quartzite and limestone of the Milford group. A slightly warped regional dip to the SW at 20 to 60° is due to gentle cross synclines at the Spokane and Little Phil mines. The Spokane warp is centered about 800 feet southeast of the portal of the main adit. The mine is on the Maestro-Spokane fissure system which can be traced for 6-7,000 feet. It consists essentially of bedded veins but does split and throw off cross fractures. The deposit is a crushed zone replaced or cemented by quartz. It is from 3 to 4 feet wide and carries galena, sphalerite, pyrite and chalcopyrite. The orebodies appear to be associated with the changes in dip, the most favorable areas being those where the dips are low.

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

Located on the Munn Creek slope, about 3 miles by road from Ainsworth, the claims lie in a north-west trending line across the southwest corner of the Ainsworth townsite. Both claims were Crown granted to the Pacific Bullion M. Co. in 1893. The owners worked the property from 1888 to 1896 and from 1915 through 1920. Leasers operated the mine from 1921 to 1929.

By 1920 the deposit had been developed by two adit levels. The upper level, at an elevation 200 feet below the outcrop, was driven for over 900 ft. along the vein. Over 400 feet of this was in an oreshoot that was stoped through to the surface. The lower adit was started not far from the portal of the upper and only 25 feet vertically below it, and driven for 360 feet on the fissure. The last 220 feet of this tunnel was on the main ore zone and 180 feet of this part of the drift has been stoped through to the level above.

The Maestro Silver Lead Mines Ltd. was formed in 1937 to develop the Maestro and Spokane mines but no work was done, and the company became defunct in 1940. Ainsworth Mines Ltd., formed in 1936 to operate the Banker mine, gained control of the Spokane and development work was resumed in 1941.

In 1942 Ainsmore Mines Ltd. (later Ainsmore Consolidated Mines Ltd.) was formed to operate the Spokane. A shaft was sunk from the lower adit for 100 feet and from this new level 75 feet of drift and a raise were put in.

Yale Lead & Zinc Mines Ltd. acquired the property in 1949 and leasers worked the mine intermittently through 1957.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1899 to 1958, 2,966 tons of ore were shipped from this property. From this ore 54,697 ounces of silver, 3,306,458 pounds of lead and 59,495 pounds of zinc were recovered. Most of this ore was from the Spokane claim, the Trinket contributing only an insignificant amount.

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Nelson Map-Area, East Half, British Columbia; Mem. 228, p. 79, Geol. Surv. of Canada, 1941.

Rice, H.M.A.; Geology and Mineral Deposits at Ainsworth, British Columbia; Paper 44-13, Geol. Surv. of Canada.

Schofield, S.J.; Geology and Ore Deposits of Ainsworth Mining Camp, British Columbia; Mem. 117, p. 44 and maps, Geol. Surv. of Canada, 1920.

Annual Report, Dept. of Mines, B.C.: 1952, pp. 156-159.

Mineral Policy Sector; Corporation Files: "Ainsmore Mines Ltd."; "Ainsmore Consolidated Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 603 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 228.

Map 1704, Ainsworth, (Topo.), Sc. 1:24,000 - accomp. Mem. 117.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	08-62						

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