

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/15
RÉGION DU S.N.R.C.

REF. PB 11
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

AYESHA, No. 5, ANNA MAY CLAIMS

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°45'10"
Lat.

Long. 116°55'10"
Long.

Mining Division Slocan
Division minière

District Kootenay
District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are limestones and schists, probably of the Slocan series. They strike north-south and dip 45° west. Two fissures, with a general north-west trend and dipping southwest at angles from 60 to 65°, are exposed on the claim. Displacement on each of these fissures is about 20 feet. This is part of the Highland fissure system which also includes those of the New Jerusalem and Buckeye mines. These together form a widespread system of short fissure veins that cross the bedding in a northwesterly direction. The ore is a replacement deposit in limestone at its upper contact with the schist. It consists of coarse-grained galena with small amounts of sphalerite and pyrite.

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

These claims are located on Cedar Creek about 2½ miles by road from Ainsworth. The Ayesha claim was Crown granted to E.W. Herrick in 1891. Very little work has been reported on these claims prior to 1948. Mr. L. McPhee acquired the Ayesha, No. 5, Anna May, No. 5 Frac., Kate, New York and Cecilia May Frac. claims sometime prior to 1948. Silver Hill Mines Ltd. was formed to develop the claims. The top adit on the Ayesha claim was extended 75 feet to make a total length of 135 feet. A tunnel on the No. 5 claim was driven for over 400 feet without intersecting the vein exposed on the surface above.

Northern Exploration Ltd. acquired the property in 1950 and began work on a surface showing above the Ayesha adit. A 12 foot wide lead-zinc replacement zone in limestone was exposed and traced for 30 feet.

In 1951 Ayesha Lead-Zinc Mines Ltd. acquired the property. Leasers began a raise 60 feet from the Ayesha portal. Replacement mineralization up to 5 feet in width was found in small pockets.

S.A. Liening, of Seattle, held an option on the property in 1953. The Ayesha tunnel was extended to a length of 380 feet. Narrow veins were intersected at 190 and 340 feet from the portal. On the second vein, 90 feet of drifting and a raise through to the surface were completed.

Triumph Mines Ltd. acquired the property in December 1953. The following year a 209 foot adit was driven on a fissure vein exposed on the No. 5 claim. At the end of the drift a 170 foot crosscut was driven to intersect another vein which had been explored from the surface about 100 feet above by a shaft 30 feet deep. A drift about 30 feet long was driven on this second vein.

The only work reported on the Anna May claim was done in about 1920. A tunnel was driven but apparently not far enough to reach the ore bearing zone.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1949 to 1952, 81 tons of ore were shipped from the Ayesha claim. From this ore 924 ounces of silver, 39,312 pounds of lead, and 20,518 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Schofield, S.J.; Geology and Ore Deposits of Ainsworth Mining Camp, British Columbia; Mem. 117, p. 56 and maps, Geol. Surv. of Canada, 1920.

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

Annual Reports, Dept. of Mines, B.C.: 1948, p. 139; 1949, p. 180; 1951, p. 159; 1953, p. 132.

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

BCE 82F/NE-23.