

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

STAR and SUNLIGHT CLAIMS

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°44'	Long. 116°56'30"
Lat.	Long.
District District	Kootenay
Township or Parish Canton ou paroisse	
Concession or Range Concession ou rang	
Tp. Ct.	R. R.

Mining Division Slocan
Division minière

County
Comté

Lot
Lot

Sec.
Sect.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are argillites, limestones and schists of the Slocan series that have been intruded by quartz diorite sheets and lamprophyre dykes. At the surface the rocks dip to the west but this may be reversed locally at depth due to folding. The ore occurs in a cross-fault that strikes north 50° west and dips 75 to 85° southwest. The fault zone, varying in width from 2 to 4 feet, is filled with coarsely crystalline white calcite. Galena and sphalerite occur in about equal proportions in small veins in the calcite. Replacement ore is found locally in the limestone wallrocks.

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

This property is located directly west of Ainsworth at an elevation of 3,400 feet and may be reached by about 6 miles of road from the village. The portals of the tunnels are on the Sunlight claim, the workings extending into the Star claim to the west.

Development work on the Sunlight claim was begun in 1895 and the first shipment of ore was made the following year. The Star claim was Crown-granted to Messrs. Strobeck and Hardie in 1898. The work continued intermittently through 1910, the workings at this time consisting of about 750 feet of tunnel, 300 feet of crosscuts and 100 feet of shaft.

The mine was closed from 1910 until 1945 when it was acquired by A.G. Norcross of Nelson. By 1950 the workings consisted of two adits, 185 feet apart vertically, the upper one 250 feet long, the lower one about 800 feet long. A 50 foot sub level is connected by a 50 foot raise to the upper adit and also to the surface by an old shaft.

During 1951-52 Privateer Base Metals Ltd. held an option on the property and completed a diamond drilling program amounting to 3,500 feet in 30 holes. The purpose of this was to trace the continuation of the fault to the northwest and to explore both walls of the fault zone for further replacement deposits. Very little ore was found so the option was dropped. In 1955 the owner, A.G. Norcross, did some stoping in the old workings.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production figures for this property are probably incomplete. The only record of production during the early period of development is a shipment of 20 tons of ore in 1902.

From 1949 to 1956, 795 tons of ore were shipped from this property. From this ore 18 ounces of gold, 5,307 ounces of silver, 141,774 pounds of lead and 120,622 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Schofield, S.J.; Geology and Ore Deposits of Ainsworth Mining Camp, British Columbia; Mem. 117, p. 55, Geol. Surv. of Canada, 1920.

Eastwood, G.P.; Annual Report, Dept. of Mines, B.C., 1952, pp. 166-168.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1742, Ainsworth, (Geol.), Sc. 1:24,000" - accomp. Mem. 117.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	07-62						