

PRODUCT SILVER  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 103 P/11  
RÉGION DU S.N.R.C.

REF. AG 8  
RÉF.

NAME OF PROPERTY SILVER STAR (SILVER)  
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY approx. Lat. 55°33' Long. 129°15'30"  
FACTEUR D'INCERTITUDE

Mining Division <i>Division minière</i>	Skeena	District <i>District</i>	Cassiar
County <i>Comté</i>		Township or Parish <i>Canton ou paroisse</i>	
Lot		Concession or Range <i>Concession ou rang</i>	
Sec <i>Sect.</i>	Tp. <i>Ct.</i>	R. <i>R.</i>	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The mineral deposits are narrow quartz-sulphide veins lying in a sheared breccia. The veins strike north parallel to the shear planes and have been traced for several hundred feet. Several exposures are known of veins a foot or less wide containing quartz, pyrite, galena, and tetrahedrite. Some of the vein material is high-grade silver ore.

The adit was driven in a northwesterly direction along a mineralized shear zone in green to red fragmental andesites. Within the shear zone, which ranges from a width of 8 feet at the adit portal to 3 feet in the bluff above the adit, the andesites have been converted to a grey sericite-carbonate schist. Mineralization includes massive stringers and disseminations of galena, sphalerite, and pyrrhotite. A chip sample across the shear zone at the adit portal assayed: Gold, trace, silver, 12.9 ounces per ton; lead, 1.31 per cent; zinc, 0.31 per cent; and copper, 0.05 per cent. A parallel vein structure exposed in a small creek 100 feet west is 4 feet wide and contains stringers of pyrite, galena, and sphalerite. Angle holes intersected 2-foot-wide zones of bleached schist containing stringers and disseminations of galena and sphalerite.

Associated minerals or products - Lead, copper, zinc.  
*Minéraux ou produits associés*

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

The Silver Star showings are located at about the 3,400-foot elevation on the east side of the Illiance River, easterly from the United Metals property and about 10 miles northeast of the community of Alice Arm.

The Silver Star and Silver Star Extension claims were staked by Messrs. Juggins and Jones in about 1918. Exploration work was done in open cuts, a 42-foot long crosscut adit to one of the veins and a drift on the vein for 20 feet. In 1919 the property was owned by A.R. Hodgson & associates, of Anyox. During 1919 the hangingwall drift was extended to a total length of 40 feet. Further drifting and crosscutting was done in 1920 and 1921. The small parallel veins or lenses followed by the drift gradually diminished and disappeared and work was discontinued in the summer of 1921. The adit totalled 200 feet of crosscut and drifts.

The Silver group of 3 claims, a relocation of the Silver Star claims, formed part of a group of 38 recorded claims optioned in 1967 to Ponder Oils Ltd. by Gunn Fiva and Stanley Uruski, of Alice Arm. Some diamond drilling was done in 1968.

Hanson, George; Portland Canal Area, British Columbia;  
Memoir 175, p. 79, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1918,  
p. 72; 1919, p. 58; 1920, p. 51; 1921, p. 56;  
1930, p. 92; 1967, p. 49; 1968, p. 65.

Mineral Policy Sector; Corporation Files: "Ponder Oils  
Ltd."

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles -  
accomp. Memoir 175.

Geology of the Monarch, Silver Bell, Silver Groups, Sc. 1":  
 $\frac{1}{2}$  mile, Fig. 12 - accomp. Report of Minister of Mines,  
1968, British Columbia Dept. of Mines.

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-68	11-74					