

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

DELAWARE GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

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

Lat. 49°10' Long. 116°25'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

In 1949: J.W. Hill,
Tucson, Arizona.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is Precambrian Aldridge quartzite with minor sills of Purcell lavas. Strong shearing in the quartzite beds conforms to their strike of N7°E and dip of 70°W. The deposit consists of a vuggy quartz vein occupying a sheared fissure which strikes N30°W and dips steeply to the west. Pinching and swelling of the vein gives a variation in width from a few inches to 20 ft. Galena occurs as streaks and pockets in the quartz vein, constituting a milling grade of ore. Small specimens of lead phosphate and copper pyrite have been found in the vein.

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

This property is located on the Arrow Creek slope of Rolfe Mountain to the north of Creston at an elevation of 4,350 ft. A seven mile access road was built to the mine in 1950 from a point 5 miles east of Creston on the Creston-Cranbrook highway. Henry Roy & J.B. Gosselin staked these claims in 1900. Their area (Lot 2858) contained 51.65 acres. No major development work was done on the property until 1928 when it was worked under option by Messrs. Young & Hayden of Creston. Two prospect tunnels were driven, the upper one 50 ft. in length, the second one 50 ft. lower down the hill was advanced 210 ft. to a point 50 ft. beyond the face of the upper tunnel. The following year the claims were rebonded to F.S. Rivers of Vancouver, B.C., but no development work is recorded. Nothing more was done with this property for 20 yrs. with the exception of a few tons of ore shipped in 1947.

Ownership of the Delaware Group, consisting of the Delaware No. 2, the Virginia, and the Ohio claims was obtained by J.W. Hill in 1949. He gave a 5 year lease on the property to R.W. & F.E. Crawford of Creston. The upper adit was lengthened to 125 ft. and the 2nd adit was extended to a total of 330 ft. of drifts and crosscuts. A stope was started on a 40 ft. section 200 ft. in from the portal. Past this stope the vein is cut by a fault but the vein was picked up on the other side. Another adit 100 ft. below No. 2 adit was driven for 65 ft. but the vein was not intersected.

Drifting on the vein past the fault to a point 300 ft. from the portal was done in 1950. A sublease was given in 1951 and a small amount of ore was shipped. About 1,700 ft. of diamond drilling was done in 1952. The vein below the lowest adit was intersected but the information obtained was inconclusive. Geophysical work done by McPhar Geophysics Ltd. in 1958 was applied to assessment requirements. A copy of the report on this work may be examined at the office of the Mining Recorder, Nelson, B.C.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production has been intermittent throughout the history of this property. From 1929, when the first shipment of 17 tons was made, to 1951, 285 tons of ore has been shipped from these claims. From this ore 1 ounce of gold, 1,242 ounces of silver, 61,807 pounds of lead, and 1,179 pounds of zinc were recovered. The last shipment, amounting to 33 tons, was made in 1952.

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Nelson Map Area, East Half, British Columbia; Mem. 228, p. 76, Geol. Surv. of Canada, 1941.

Annual Reports, Dept. of Mines, B.C.: 1900, p. 982; 1928, p. 354; 1929, pp. 285, 360; 1949, p. 194; 1950, p. 152; 1951, pp. 41, 180; 1952, p. 145; 1958, p. 62.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-62						