

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 I/9 RÉGION DU S.N.R.C.	REF. CU 23 RÉF.
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

SHENANDOAH

OBJECT LOCATED - #19 on Fig. 10, Memoir 212.  
OBJET LOCALISÉ

UNCERTAINTY 1,000 m FACTEUR D'INCERTITUDE	Lat. 54°39'20"	Long. 128°14'
Mining Division Division minière	Omineca	District District
County Comté		Township or Parish Canton ou paroisse
Lot Lot		Concession or Range Concession ou rang
Sec Sect.	Tp. Ct.	R. R.

Range 5 Coast

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain by a thick assemblage of Jurassic Hazelton Group andesites and basalts which strike southeast and dip 50° to 60° southwest. On the summit of the ridge a vein irregularly mineralized with chalcocite, bornite, sphalerite and galena occurs at the contact of two flows, but on the south side of the ridge it pinches out in less than 30'; the north side of the ridge is covered by glacier. A sample across 1.5 feet at the best part of the vein assayed: Gold, trace; silver, 14 oz/t; copper, 6%; lead, 2%, zinc, 8%. About 1,000' farther east, a sheared zone strikes S80°E, dips 40°N into the mountain and has been traced for over 1,000'. It contains up to 6 per cent chalcopyrite as irregular impregnations in the quartz and as small lenses. In several pits lenses of chalcopyrite 2 inches wide and 4 feet long were seen in the quartz. An average sample of the mineralized vein quartz from the ore dump assayed: gold, 0.02 ounce a ton; silver, 2.62 ounces a ton; copper, 2.94 per cent.

Associated minerals or products - Silver, gold, lead, zinc.  
Minéraux ou produits associés

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

The showings are located at 5,000'-5,500' elevation on the summit and south side of the ridge between the north fork of Chindemash Creek and St Croix Creek, some 19 miles northeast of Terrace.

The property was owned by A.A. Macdonald, of Usk in the 1920's. An option on the property was acquired by R.W. Seelye and associates, of Seattle, and underground exploration began in 1927. Two adits were driven from the south side of the ridge. One located about 100' below the top of the ridge was driven 220' in an endeavour to locate the downward continuation of the southwesterly dipping vein, but without success. About 1,000' farther east, a drift adit was driven about 170' on the north dipping shear zone.

Shenandoah Mining Company, Limited was incorporated by Seelye and associates in July 1929. Considerable work was done in installing a hydro electric plant on Chindemash creek about 2.5 miles from the underground workings. Work ceased in October 1929 and the project was abandoned.

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Reports of Minister of Mines, British Columbia: 1927, p. 126; 1928, p. 147<sup>+</sup>; 1929, pp. 150, 428.

++Kindle, E.D.; Mineral Resources, Usk to Cedarvale, Terrace Area, Coast District, British Columbia; Memoir 212, p. 28, Geol. Surv. of Canada, 1937.

Eardley-Wilmot, V.L.; Silver Producing Mines in British Columbia; p. 161, June 1930, Unpublished Report, Ottawa.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329, Geol. Surv. of Canada, 1964.

#Index Map of Terrace Area, Sc. 1":5 miles, Fig. 10, Memoir 212.

\*Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-84						