

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 7 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

LUCKY LUKE

OBJECT LOCATED - Upper adit.
OBJET LOCALISÉ

UNCERTAINTY 300 m FACTEUR D'INCERTITUDE	Lat. 54°37'20"	Long. 128°26'25"
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.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks on the property are of Triassic (?) age, and are chiefly andesitic flows, some of them porphyritic, and also biotite and chlorite schists. These rocks are cut by a few, narrow, aplitic dykes. A series of narrow, lenticular quartz lenses lies along a fault or shear zone striking north 70 degrees west and dipping 65 degrees north. The shear zone as exposed in the drifts ranges from 3 to 6 feet in width and the enclosed quartz averages about 9 inches in width. The quartz is mineralized with bornite and chalcocite and carries visible free gold that is usually associated with the chalcocite.

A 9-inch channel sample taken across the vein on the south wall of the drift assayed: gold, 0.10 ounce to the ton; silver, 1.76 ounces to the ton. A 20-inch channel sample of biotite schist stained with malachite, taken across the roof of the drift about 20 feet east of the winze where there was no quartz, assayed: gold, 0.26 ounce to the ton; silver, 1.74 ounces to the ton.

The presence of tungsten has been reported.

Associated minerals or products - Gold, silver, tungsten.
Minéraux ou produits associés

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

The property is located at about 1,000' elevation on the east side of Kitselas Mountain some 9 miles northeast of Terrace. The Cordillera property (CU 18) adjoins to the north.

The showing was discovered in 1917 by L.E. Moody and R. Lowrie. Two claims were subsequently Crown-granted (Hummer, Lot 7423 and Lucky Luke, Lot 7424) and two claims (Amigo and Indian) were held by location.

Late in 1918 the property was leased to A. Roark and associates and a small amount of hand sorted ore was shipped the following year. In 1923 S. Davis leased the property and a 25 ton shipment of sorted ore was made in 1924. Little further activity was reported until 1928 when R.W. Seely and associates of Portland Oregon optioned the property. They incorporated Usk Mining Company, Limited in April 1929 but no work was reported. Gold of Usk, Incorporated was organized by Seattle interests and some work was reported in 1931.

Lucky Gold Quartz, Inc was organized by Seely and associates of Seattle in about 1933. A 20 ton-per-day mill was installed close to the railway and connected to the lower adit by a one-bucket aerial tram. In 1936 about 10 tons of ore were milled before work ceased due to litigation with the owners of the property, Moody and C. Kelly. The owners did some prospecting on the property in 1937. The underground workings at that time included about 410' of crosscuts and drifts in two adits plus a 50' raise and 80' winze from the main adit.

Lucky Luke Mining Co. Ltd. was incorporated in October 1963 by Terrace interests to acquire the property. The workings were re-opened in 1964 and about 100 tons of ore was mined from a small stope in 1965; from this a portion with highest gold content was sorted and shipped.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Recorded production for the period 1924-1938 totals 28 tons of ore shipped or treated. From this ore 20 ozs gold, 354 ozs silver and 12,788 lbs copper were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1918, p. 110; 1919, p. 98; 1923, p. 104; 1924, p. 88; 1925, p. 125; 1926, p. 125; 1928, p. 146; 1930, p. C 48; 1931, p. 70; 1934, p. C 4; 1937, p. C 7⁺; 1938, p. C 48; 1939, p. 69; 1964, p. 47; 1965, p. 70.

⁺⁺Kindle, E.D.; Mineral Resources of Terrace Area, Coast District, British Columbia; Memoir 205, p. 49, Geol. Surv. of Canada, 1937.

Duffell, S. and Souther, J.G.; Geology of Terrace Map-Area, British Columbia; Memoir 329, p. 84, Geol. Surv. of Canada, 1964.

Hanson, George; Reconnaissance in Zymoetz River Area, Coast District, B.C.; Summary Report 1925, Pt. A, p. 116, Geol. Surv. of Canada.

Stevenson, John S.; Tungsten Deposits of British Columbia; Bulletin No. 10 (Revised), p. 58, B.C. Dept. of Mines, 1943.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; IR 66-30; IR 66-31.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Mineral claims in vicinity of Usk, Report of Minister of Mines, B.C., 1924, p. B 89.

#Plan showing workings of Lucky Luke mine, Sc. 1":75', Fig. 12, Memoir 205, p. 50.

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

REMARKS/REMARQUES

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