

PRODUCT TUNGSTEN	PROVINCE British Columbia	MAP SQUARE C 9	No. 93 #14
NAME OF PROPERTY Hardscrabble		DEVELOPMENT WORK showing in 1941: A two-compartment shaft to 312' with lowest level established at 300', raises, a winze, and some thousand feet of drifting. 50-ton pilot mill.	
NEAREST POST OFFICE Wells (5 miles distant) Quesnel (nearest ry. pt.)			
LOCATION <i>On Hardscrabble Crk.</i> Mining Division Cariboo <span style="margin-left: 100px;"><i>CR-1800</i></span> <span style="margin-left: 200px;"><del>District Barkerville area</del></span> County _____ Township or Parish _____ Concession or Range, and Lot Hardscrabble Crk. (main wks. $\frac{1}{2}$ mi. above Willow River Jct.) L.S. _____ Sec. _____ Tp. _____ R. _____			
OWNERS OR OPERATORS AND ADDRESS 1904-34: Under varied intermittent control largely individual. 1935- Columbia Tungstens Co. Ltd, <i>19 Reeler St.</i> <del>61 Broadway</del> , New York, N.Y. (F. Hewitt, President).		PRODUCTION 1927 - 400 lbs. of ore 1937 - $1\frac{1}{2}$ tons of concentrate 1939 - $4\frac{1}{2}$ tons of concentrate  Material shipped Ore and concentrate. Latter of high quality (Over 70% WO <sub>3</sub> ). Date of first shipment 1927.	
DESCRIPTION OF DEPOSIT Ore or substance Scheelite  Character of Deposit Lenticular quartz veins (carrying or not carrying gold) and discontinuous scheelite-bearing quartz veinlets or stringers associated with faulting.  Country Rock Slightly metamorphosed Precambrian quartzites, argillites, and limestones, mapped by G.S.C. as "Cariboo Series (undivided)".  Associated minerals of value Gold, lead, zinc		TRANSPORTATION Shipping point Quesnel  Distance from mine about 60 miles  Carrier Truck  Destination Atlas Steel Co., Welland, Ontario.  MAP REFERENCES General and district maps Willow River sheet (G.S.C. Map 336A, 1938)  Detail maps, plans, sections B.C. Dept. of Mines Bulletin No. 10 (Tungsten Deposits of B.C. by J.S. Stevenson) p. 60. <i>Bull. 10 (revised) 1943. p. 84.</i>	

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## BIBLIOGRAPHY

## REMARKS

~~B. C. Dept. of Mines, Bull. 10, 1941 (Tungsten Deposits of B.C.)~~  
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~~" " " " " " " " 1941, p. 431~~

*B.C. Dept. of Mines, Ann. Reports*

1904 - p. 496.  
 1917 - p. 131.  
 1918 - p. 135.  
 1922 - p. 117.  
 1927 - p. 171.  
 1928 - p. 195.  
 1935 - p. 400.  
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 1938 - p. 49C.  
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*B.C. Dept. of Mines, Bull. 10 revised, 1943, pp. 52-92 (draft)*

*Trans. Can. Min. Inst. Vol. 11, 1908, p. 368.*

*G.S.C. Summ. Rep. Pt. A1, pp. 55-66.*

*Bureau of Mines No. 771, 1935, Tests, p. 224.*

*Trans. C.I.M.I. 1937, p. 473.*

*V.L. Fendley - Wilmet Report, 1941, p. 22.*

Information on property to June, 1940, including that in reports of B.C. and Federal Depts. of Mines, comprehensively summarized in B.C. Dept. of Mines, Bull. 10, 1941.

Small body of scheelite exposed during operations in 1940 was soon mined out in 1941, and after detailed geological examination and some 2,000 feet of diamond drilling had failed to reveal further mineralization of importance, mine was shut down (B.C. Rept. 1941).

Property examined by J.S. Stevenson of B.C. Dept. of Mines in June, 1940, and by H.M.A. Rice of G.S.C. in August, 1940.

NOM DE LA PROPRIÉTÉ

NAME OF PROPERTY

L.O.T., Sept. 11/11

PRODUIT

PROVINCE OR TERRITORY

PROVINCE OU TERRITOIRE

N.T.S. AREA

RÉGION D.U.S.N.R.C. 9/4/5/3

REF. REF.

*W. Fendley*