

PRODUCT PRODUIT	TUNGSTEN	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 93 A/14 RÉGION DU S.N.R.C.	REF. W 3 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PETER GULCH (CUNNINGHAM) (HOMESTAKE)

OBJECT LOCATED - Adit on Cunningham No. 1 (Lot 5905).
OBJET LOCALISÉ

UNCERTAINTY 300 m FACTEUR D'INCERTITUDE	Lat. 52°53'45"	Long. 121°20'25"
	Lat.	Long.
Mining Division Cariboo Division minière	District District	Cariboo
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 property is underlain mainly by quartz sericite schist, impure quartzite, and limestone of the middle and upper members of the Cambrian Snowshoe Formation. The beds strike north 30 to 45 degrees west and dip steeply northeast. Early work on the property exposed a zone well mineralized with galena, pyrrhotite, pyrite, and sphalerite. A sample across the maximum 4' width of the zone assayed: Au, trace; Ag, 9.0 oz/t; Pb, 32%; Zn, 1%. The original adit was driven on a bedded quartz vein up to 16" wide containing pyrite and a little galena. A sample across 5' of surface exposure containing narrow bedded quartz veins assayed: Au, 0.28 oz/t; Ag, 0.1 oz/t.

Scheelite occurs in surface outcrops that have been exposed and cleared by ground-sluicing and in a short adit below these outcrops. The present exposures disclose several mineralized lenses which occur at several places along a zone that ranges from 2 to 25 feet wide over a length of 210 feet. In the main stripping the scheelite occurs as scattered patches of mineral in 5 quartz-ankerite lenses. These lenses range from a few inches to 18 inches in width and from 2 to 15 feet in length. They are in part bedded with the schist and in part constitute

p.t.o.

Associated minerals or products - Lead, zinc, silver, gold.
Minéraux ou produits associés

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

The property is located at approximately 5,000' elevation on both sides of Peter Gulch Creek, a northerly flowing tributary of Cunningham Creek, just downstream from the Pearce Creek junction and some 14 miles southeast of Barkerville. The Cariboo Hudson mine (93 A/14, AU 1) lies about 4,000' to the southeast.

A discovery of lead-zinc mineralization at this location by J.H. Campbell and J.P. Delhanty was staked as the Homestake group of 4 claims. Open cutting and sampling was reported in 1925 and subsequent years; the claims subsequently lapsed.

The showings were restaked as the Cunningham 1-3 claims (Lots 5905-07), Shasta (Lot 9820), and Shasta No. 2 (Lot 9821). Cariboo Amalgamated Gold Mines, Limited, incorporated July 1933, acquired the above claims and the adjacent Hudson property (93 A/14, Au 1). That same year an adit was driven in the west bank of Peter Gulch about 500' below the mouth of Pearce Creek; the drift adit was driven 50' northwesterly and from the face a crosscut was driven 60' southwesterly.

Cariboo-Hudson Gold Mines, Limited was incorporated in November 1936 to acquire the assets of the former company. In the summer of 1942 scheelite was discovered and sampled in these showings by J.S. Stevenson of the British Columbia Dept. of Mines. Cariboo-Hudson Gold Mines (1946), Limited was incorporated in March 1946 to acquire the assets of the former company. No further work was done on these showings until 1952 when the scheelite-bearing zone was drifted on for about 60' northwesterly from its exposure in the old crosscut to a northerly striking fault having a 30' offset to the right; the zone was drifted on for about 30' beyond the fault. A second adit, on the east side of the creek about 300' southeast of the old adit, was driven southeasterly along the scheelite-bearing zone for 400' with 3 crosscuts each about 40' in length. A third adit, located about 220' north of the original adit was driven as a crosscut for 55'; no additional mineralization was found. Work ceased in May 1953.

The property was held in 1973 as part of Mineral Lease M-32 by Guy B. Allen. T.V.I. Mining Ltd. and Athabasca Columbia Resources Ltd. optioned the property and carried out geo-physical and geochemical surveys; further work during 1976-78 was apparently confined to the Hudson property. InveX Resources Limited acquired the property in 1979.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

east-west diagonal lenses cutting the schist. The lenses are separated across the width and along the length of the zone by barren schist. The minerals in the lenses include the following, listed in order of abundance: ankeritic carbonate, vein-quartz, scheelite and galena. On the east side of the creek scheelite is erratically distributed across a 10' width in narrow quartz veinlets and in narrow limestone beds. The best mineralization was found in the vicinity of the original adit where underground work in 1952 disclosed two oreshoots, one of which is 30 feet long and 3 feet wide, and is reported to assay 2.8 per cent tungstic oxide. The other oreshoot is 30 feet long and 2.1 feet wide. It is reported to assay 5.2 per cent tungstic oxide (Report of Minister of Mines, 1952, p. 110).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 3-1961, Quesnel Lake, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.

Map 562 A, Keithley Creek, (Geol.), Sc. 1":1 mile, Geol. Surv. of Canada, 1940.

#Geological Map of the Yanks Peak-Roundtop Mountain Area, Sc. 1":1,143', Fig. 2, Sheet B - accomp. Bulletin 34. Cariboo-Hudson, scheelite showings, Sc. 1":40', Fig. 5, Bulletin 10 (Revised), p. 94.

*Map 93 A/14, Cariboo Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

REFERENCES/BIBLIOGRAPHIE

+Stevenson, John S.; Tungsten Deposits of British Columbia; Bulletin 10 (Revised), pp. 93-96, British Columbia Dept. of Mines, 1943.

++Lang, A.H.; Keithley Creek Map-Area, Cariboo District, British Columbia; Paper 38-16, p. 30, Geol. Surv. of Canada.

+++Holland, Stuart S.; Geology of Yanks Peak-Roundtop Mountain Area, Cariboo District, British Columbia; Bulletin 34, p. 59, British Columbia Dept. of Mines, 1954.

Reports of Minister of Mines, British Columbia: 1925, p. 150; 1926, p. 173; 1927, p. 171; 1929, p. 191; 1951, p. 120; 1952, p. 110; 1953, p. 96.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1973, p. 294; 1976, p. E 137; 1977, p. E 182.

Mineral Policy Sector; Corporation Files: "Inve~~x~~ Resources Limited".

Little, H.W.; Tungsten Deposits of Canada; Economic Geology Series No. 17, p. 70, Geol. Surv. of Canada, 1959.

Mineral Policy Sector; MC File 167-T2-2-31.

Comp./Rev. By
Comp./rév. par

DMacR

Date
Date

09-81